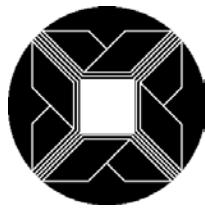


# ARL STATISTICS

## 2006–2007



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ASSOCIATION OF RESEARCH LIBRARIES  
WASHINGTON, DC  
2008

## ARL Statistics 2006–2007

The tables presented in this publication are not indicative of performance and outcomes and should not be used as measures of library quality. In comparing any individual library to ARL medians or to other ARL members, one must be careful to make such comparisons within the context of differing institutional and local goals and characteristics.

The *ARL Statistics* datafiles and accompanying documentation are available at [www.arl.org/stats/annualsurveys/arlstats/index.shtml](http://www.arl.org/stats/annualsurveys/arlstats/index.shtml).

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The paper used in this publication meets the minimum requirements of the American National Standard for Information Science and National Information Standards Organization standard—Permanence of Paper for Publications and Documents in Libraries and Archives, ANSI/NISO Z39.48-1992(R1997).

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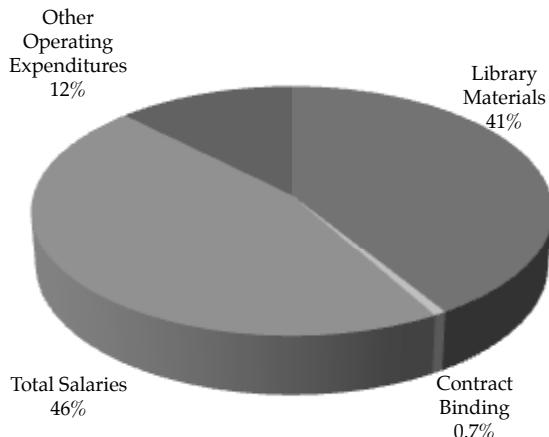
## RESEARCH LIBRARY TRENDS

*ARL Statistics 2006–2007* is the latest in a series of annual publications that describe collections, staffing, expenditures, and service activities for the 123 members of the Association of Research Libraries (ARL). Of these, 113 are university libraries; the remaining 10 are public, governmental, and nonprofit research libraries. ARL member libraries are the largest research libraries in North America, representing 16 Canadian and 107 US research institutions. The academic libraries, which comprise about 92% of the membership, include 14 Canadian and 99 US libraries.

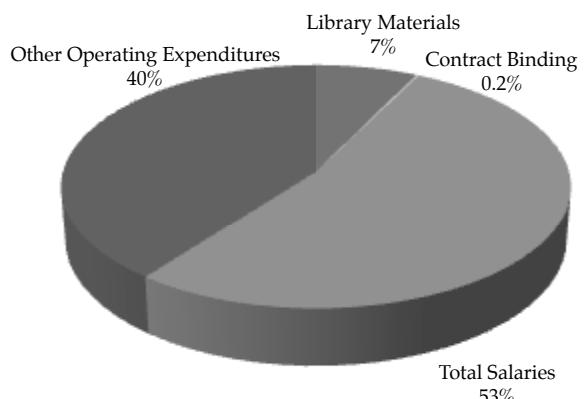
Statistics have been collected and published annually for the members of the Association of Research Libraries since 1961–1962, and the data are available through an interactive Web interface. Prior to 1961–1962, annual statistics for university libraries were collected by James Gerould, first at the University of Minnesota and later at Princeton University.<sup>1</sup> These data, covering the years 1907–1908 through 1961–1962, are now called the Gerould statistics.<sup>2</sup> The whole data series from 1908, which is available on the ARL FTP server,<sup>3</sup> represents the oldest and most comprehensive continuing library statistical series in North America.

ARL libraries are a relatively small subset of libraries in North America, but they do account for a large portion of academic library resources in terms of assets, budgets, and the number of users they serve. The total library expenditures of all 123 member libraries in 2006–2007 was more than \$3.9 billion; from that, roughly \$2.9 billion was spent by the 113 university libraries and more than \$866 million by the nonuniversity libraries. The pie charts below show how the two types of libraries divide these expenditures differently.

**University Libraries 20062007**



**Nonuniversity Libraries 20062007**



<sup>1</sup> Kendon L. Stubbs and Robert E. Molyneux, *Research Library Statistics 1907-08 through 1987-88* (Washington, DC: ARL, 1990).

<sup>2</sup> Robert E. Molyneux, *The Gerould Statistics 1907/08 – 1961/62*. (Washington, DC: ARL, 1986) <http://fisher.lib.virginia.edu/gerould/>.

<sup>3</sup> <http://www.arl.org/stats/arlstat/mrstat.html>.

## CHANGE IN COUNTING SERIALS

This year the definition of counting serials in the ARL Statistics was changed — from serials subscriptions we changed to counting serial titles. As a result the trend line of publishing serial cost per subscription is being discontinued and eventually a new one will emerge as we collect annual data on serial titles. This change though simple at first glance is very important as it makes the concept of serials more meaningful in the electronic environment.

What prompted this change? In earlier years the instructions for reporting serials were that libraries report the “total number of subscriptions, not titles, but electronic serials acquired as part of an aggregated package (such as MUSE or Academic’s IDEAL) were to be counted by title.” Directors and other staff have expressed concern that the serials count was problematic since many libraries engage in multiple consortia arrangements and the serials count was inflated by duplicate titles held in multiple packages. The Statistics and Assessment Committee determined that a new way of counting serials focusing on titles would provide better descriptive data reflecting the true scope of the content provided by research libraries. A pilot at various ARL libraries demonstrated the feasibility of the new method.

In the electronic environment once you own or lease a title, it is often accessible by all users so a more authentic descriptive statistic for the scope of the content is titles rather than subscriptions. A unique title count favors broader coverage. Any duplication of those titles through packages, aggregations, bundles, etc., becomes more a management issue. The new definition asks that titles be reported as electronic if available both in print and electronic formats and they be reported as purchased if available both through purchased and non-purchased arrangements. So, if a title appears in both print and electronic form and a library has acquired it through several different providers, it would be counted as one title. Training events were delivered last fall to ensure that there is a well-grounded, shared understanding of the new definitions.

The outcome has been successful as we have more libraries reporting serials titles than they ever managed to report serial subscriptions indicating that the new definition is moving us into the right direction of having data that are both collectable and useful. However, we had to delete all earlier trend lines that were based on serial subscriptions. A variety of resources have been developed for libraries to consult as they implemented the change and they are available through <http://www.arl.org/stats/annualsurveys/arlstats/07statmail.shtml>.

**RESEARCH LIBRARY TRENDS 2006–2007**  
**TABLES AND GRAPHS**

TABLE 1

**SERVICE TRENDS IN ARL LIBRARIES, 1991–2007**  
**Median Values for Time-Series Trends**

Year	ILL: Borrowed	Group Pres.	Participants In Pres.	Reference Trans.	Initial Circ.	Total Circ.	Ratio of Circ. Init./Tot.	Total Staff	Total Students
(Libraries)	(103)	(84)	(82)	(79)	(36)	(80)	(34)	(105)	(103)
1991	10,397	508	7,137	125,103	296,964	509,673	1.26	271	18,290
1992	11,362	526	7,154	132,549	342,989	554,579	1.27	265	18,273
1993	12,489	616	7,688	136,115	343,293	568,628	1.32	262	18,450
1994	14,007	568	7,831	147,582	369,996	572,749	1.31	264	18,305
1995	14,472	687	8,461	147,023	347,144	578,989	1.32	267	18,209
1996	15,278	719	8,410	155,336	336,481	560,244	1.39	264	18,320
1997	16,264	687	9,218	149,659	348,157	542,438	1.37	273	18,166
1998	17,656	698	9,462	132,850	354,924	514,574	1.37	273	18,335
1999	18,942	711	9,406	128,696	300,923	514,087	1.38	277	18,609
2000	20,475	722	9,596	115,636	273,231	482,542	1.42	267	18,908
2001	21,902	669	10,121	104,409	265,195	467,277	1.48	269	19,102
2002	21,339	776	11,350	95,910	251,146	462,223	1.51	279	19,925
2003	22,146	806	12,516	89,150	248,689	479,733	1.57	277	21,132
2004	25,737	757	12,864	84,546	261,526	496,369	1.60	273	21,562
2005	25,729	803	13,782	65,168	250,971	473,216	1.58	267	22,047
2006	27,412	833	13,051	67,697	267,213	466,403	1.52	267	22,618
2007	26,813	830	14,417	61,703	222,037	456,597	1.59	266	22,874
Average annual % change	6.1%	3.1%	4.5%	-4.3%	-1.8	-0.7	1.5%	-0.1	1.4%

Table 1 presents data about select public service activities such as circulation (initial and total), reference transactions, library instruction (group presentations and participants in these presentations), and interlibrary borrowing and lending.

As seen in table 1, the median of group presentations dropped slightly during 2006–2007. However, the number of participants increased with a median of 14,417 for the typical research library. Perhaps what is of most interest is that by 2007 there were double the participants compared to 1991 (see Graph 1).

## GRAPH 1

### SERVICE TRENDS IN ARL LIBRARIES, 1991–2007

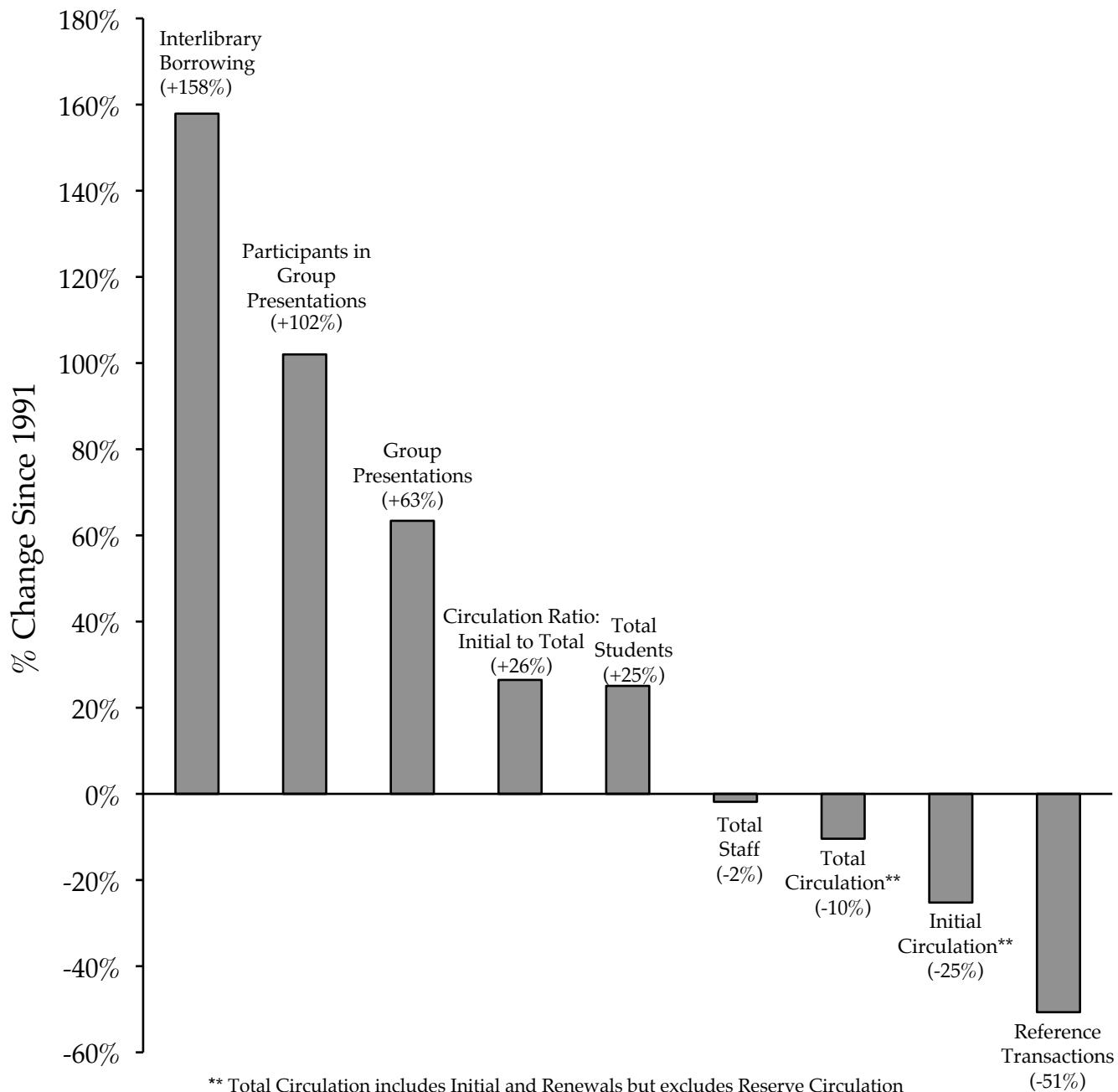


TABLE 2

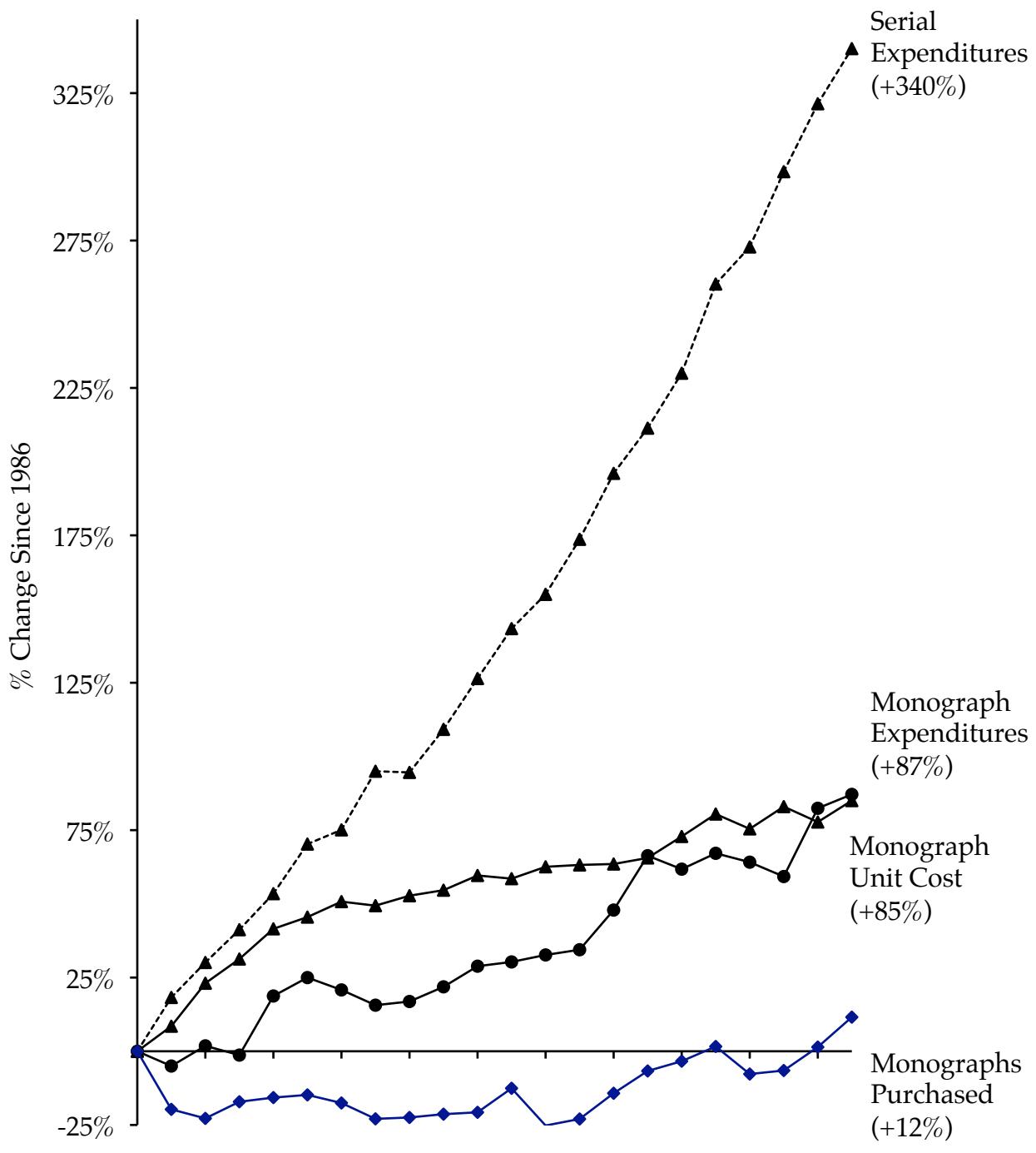
**MEDIAN MONOGRAPH AND SERIAL EXPENDITURES IN ARL LIBRARIES, 1986–2007**  
**Median Values for Time-Series Trends**

Year (Libraries)	Serial Expenditures (100)	Monograph Unit Cost (57)	Monograph Expenditures (97)	Monographs Purchased (58)
1986	\$ 1,496,775	\$ 29.28	\$ 1,120,645	32,679
1987	\$ 1,769,960	\$ 31.76	\$ 1,064,484	26,240
1988	\$ 1,947,559	\$ 36.03	\$ 1,141,226	25,238
1989	\$ 2,113,976	\$ 38.44	\$ 1,106,073	27,082
1990	\$ 2,296,910	\$ 41.44	\$ 1,330,747	27,546
1991	\$ 2,548,687	\$ 42.60	\$ 1,400,738	27,843
1992	\$ 2,620,832	\$ 44.14	\$ 1,353,865	26,947
1993	\$ 2,918,569	\$ 43.74	\$ 1,295,807	25,188
1994	\$ 2,912,495	\$ 44.72	\$ 1,309,807	25,341
1995	\$ 3,131,033	\$ 45.27	\$ 1,365,575	25,707
1996	\$ 3,389,118	\$ 46.73	\$ 1,444,015	25,911
1997	\$ 3,642,541	\$ 46.42	\$ 1,460,234	28,576
1998	\$ 3,816,497	\$ 47.59	\$ 1,486,764	24,447
1999	\$ 4,095,934	\$ 47.78	\$ 1,506,651	25,173
2000	\$ 4,430,812	\$ 47.87	\$ 1,657,349	28,024
2001	\$ 4,660,349	\$ 48.48	\$ 1,864,023	30,494
2002	\$ 4,939,225	\$ 50.61	\$ 1,812,826	31,578
2003	\$ 5,392,007	\$ 52.83	\$ 1,873,157	33,208
2004	\$ 5,580,157	\$ 51.36	\$ 1,839,412	30,155
2005	\$ 5,962,446	\$ 53.57	\$ 1,784,841	30,546
2006	\$ 6,307,292	\$ 52.04	\$ 2,044,272	33,145
2007	\$ 6,587,241	\$ 54.17	\$ 2,097,078	36,462
Average annual % change	7.3%	3.0%	3.0%	0.5%

Note that Table 2 and Graph 2 have been revised since 2005–2006 and no longer include Serial Unit Cost or Serial Subscriptions. Beginning with 2006–2007, ARL libraries are reporting unduplicated counts of serial titles rather than subscriptions.

GRAPH 2

MEDIAN MONOGRAPH AND SERIAL EXPENDITURES IN ARL LIBRARIES, 1986–2007\*



Source: ARL Statistics 20062007, Association of Research Libraries, Washington, DC

\*Includes electronic resources from 19992000 onward.

TABLE 3

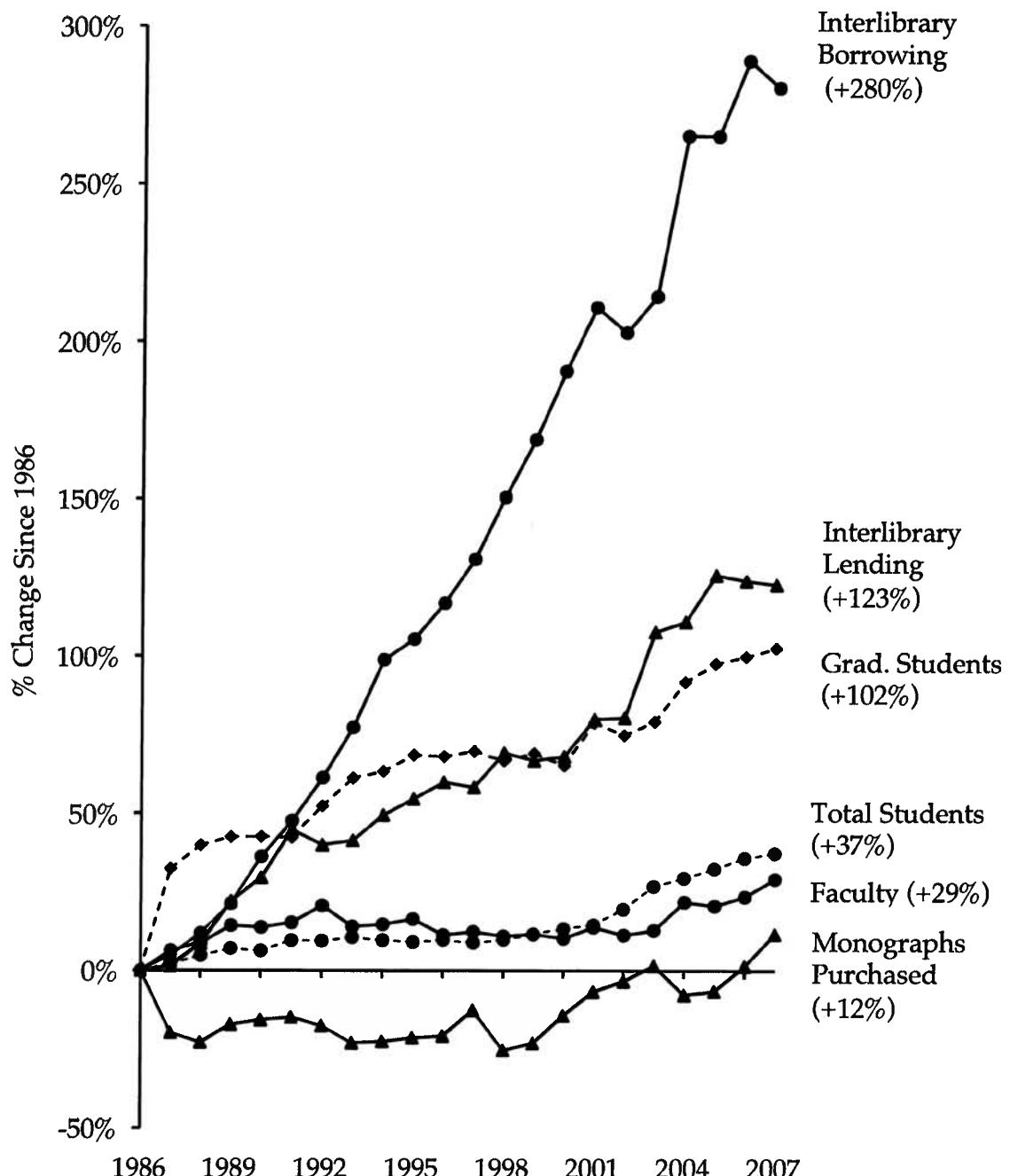
**SUPPLY AND DEMAND IN ARL LIBRARIES, 1986–2007**  
**Median Values for Time-Series Trends**

Year (Libraries)	ILL: Borrowed (103)	ILL: Lent (103)	Graduate Students (104)	Teaching Faculty (101)	Total Students (103)	Monographs Purchased (58)
1986	7,047	16,092	2,327	1,124	16,684	32,679
1987	7,387	16,318	3,078	1,195	17,029	26,240
1988	7,881	17,476	3,251	1,222	17,485	25,238
1989	8,547	19,638	3,312	1,285	17,866	27,082
1990	9,595	20,837	3,314	1,278	17,745	27,546
1991	10,397	23,285	3,310	1,295	18,290	27,843
1992	11,362	22,514	3,539	1,356	18,273	26,947
1993	12,489	22,740	3,745	1,281	18,450	25,188
1994	14,007	24,039	3,794	1,289	18,305	25,341
1995	14,472	24,864	3,914	1,308	18,209	25,707
1996	15,278	25,720	3,904	1,251	18,320	25,911
1997	16,264	25,463	3,942	1,263	18,166	28,576
1998	17,656	27,223	3,880	1,247	18,335	24,447
1999	18,942	26,837	3,933	1,255	18,609	25,173
2000	20,475	27,044	3,844	1,239	18,908	28,024
2001	21,902	28,950	4,159	1,279	19,102	30,494
2002	21,339	29,021	4,067	1,251	19,925	31,578
2003	22,146	33,421	4,167	1,268	21,132	33,208
2004	25,737	33,934	4,461	1,369	21,562	30,155
2005	25,729	36,325	4,595	1,355	22,047	30,546
2006	27,412	36,035	4,647	1,388	22,618	33,145
2007	26,813	35,838	4,709	1,451	22,874	36,462
Average annual % change	6.6%	3.9%	3.4%	1.2%	1.5%	0.5%

Interlibrary borrowing and lending, which showed a marked growth in the last decade, seem to be declining. Monographs purchased are above 1986 levels for the third time in the last 22 years.

GRAPH 3

## SUPPLY AND DEMAND IN ARL LIBRARIES, 1986–2007\*

Source: *ARL Statistics 2006–2007*, Association of Research Libraries, Washington, DC

\*Serial and monograph data includes electronic materials from 2000 onward.

**TABLE 4**  
**EXPENDITURE TRENDS IN ARL LIBRARIES, 1986–2007**  
**Median Values for Time-Series Trends—Unadjusted dollar figures**

Year	Library Materials	Serial Exp.	Monograph Exp.	Total Salary	Operating Exp.	Total	CPI
(Libraries)	(105)	(100)	(97)	(104)	(104)	(105)	
1986	2,705,297	1,496,775	1,120,645	4,011,436	1,111,914	8,361,092	109.6
1987	3,058,479	1,769,960	1,064,484	4,361,646	1,180,167	8,990,001	113.6
1988	3,369,896	1,947,559	1,141,226	4,618,335	1,198,674	9,557,623	118.3
1989	3,577,405	2,113,976	1,106,073	5,236,292	1,364,558	10,183,315	124.0
1990	3,903,358	2,296,910	1,330,747	5,469,333	1,386,618	11,241,022	130.7
1991	4,064,344	2,548,687	1,400,738	5,885,814	1,445,735	11,990,794	136.2
1992	4,156,510	2,620,832	1,353,865	6,050,222	1,390,245	12,249,150	140.3
1993	4,316,674	2,918,569	1,295,807	5,962,470	1,561,122	12,265,696	144.5
1994	4,572,276	2,912,495	1,309,807	6,047,803	1,676,701	12,767,348	148.2
1995	4,715,203	3,131,033	1,365,575	6,312,770	1,853,586	13,171,893	152.4
1996	5,126,482	3,389,118	1,444,015	6,664,021	1,997,233	13,870,378	156.9
1997	5,562,742	3,642,541	1,460,234	6,893,582	2,039,957	14,526,674	160.5
1998	5,795,223	3,816,497	1,486,764	7,163,979	2,072,903	15,329,371	163.0
1999	6,232,365	4,095,934	1,506,651	7,476,532	2,069,887	16,737,261	166.6
2000	6,744,281	4,430,812	1,657,349	7,811,403	1,991,852	17,221,441	172.2
2001	7,322,507	4,660,349	1,864,023	8,106,666	2,280,493	17,620,048	177.5
2002	7,599,249	4,939,225	1,812,826	8,488,255	2,136,616	18,456,038	180.1
2003	8,273,171	5,392,007	1,873,157	8,813,191	2,073,913	19,030,188	183.9
2004	8,286,431	5,580,157	1,839,412	9,015,741	2,274,878	19,953,776	189.4
2005	8,801,962	5,962,446	1,784,841	9,268,364	2,243,592	20,663,012	195.4
2006	9,174,734	6,307,292	2,044,272	9,647,695	2,540,171	21,694,210	203.5
2007	9,600,793	6,587,241	2,097,078	9,940,406	2,549,139	22,810,227	208.3
Average annual % change	6.5%	7.3%	3.0%	4.4%	4.0%	4.9%	3.1%

Operating expenditures, including many automation expenditures, have doubled since 1986, but during the last five years have remained at relatively stable levels of investment. The total salary expenditures median has increased only slightly over the past four years. Monograph expenditures continue to increase. The annual consumer price index (CPI), included in Graph 4, provides a comparative reference for the increases in library expenditures.

GRAPH 4

## EXPENDITURE TRENDS IN ARL LIBRARIES, 1986–2007

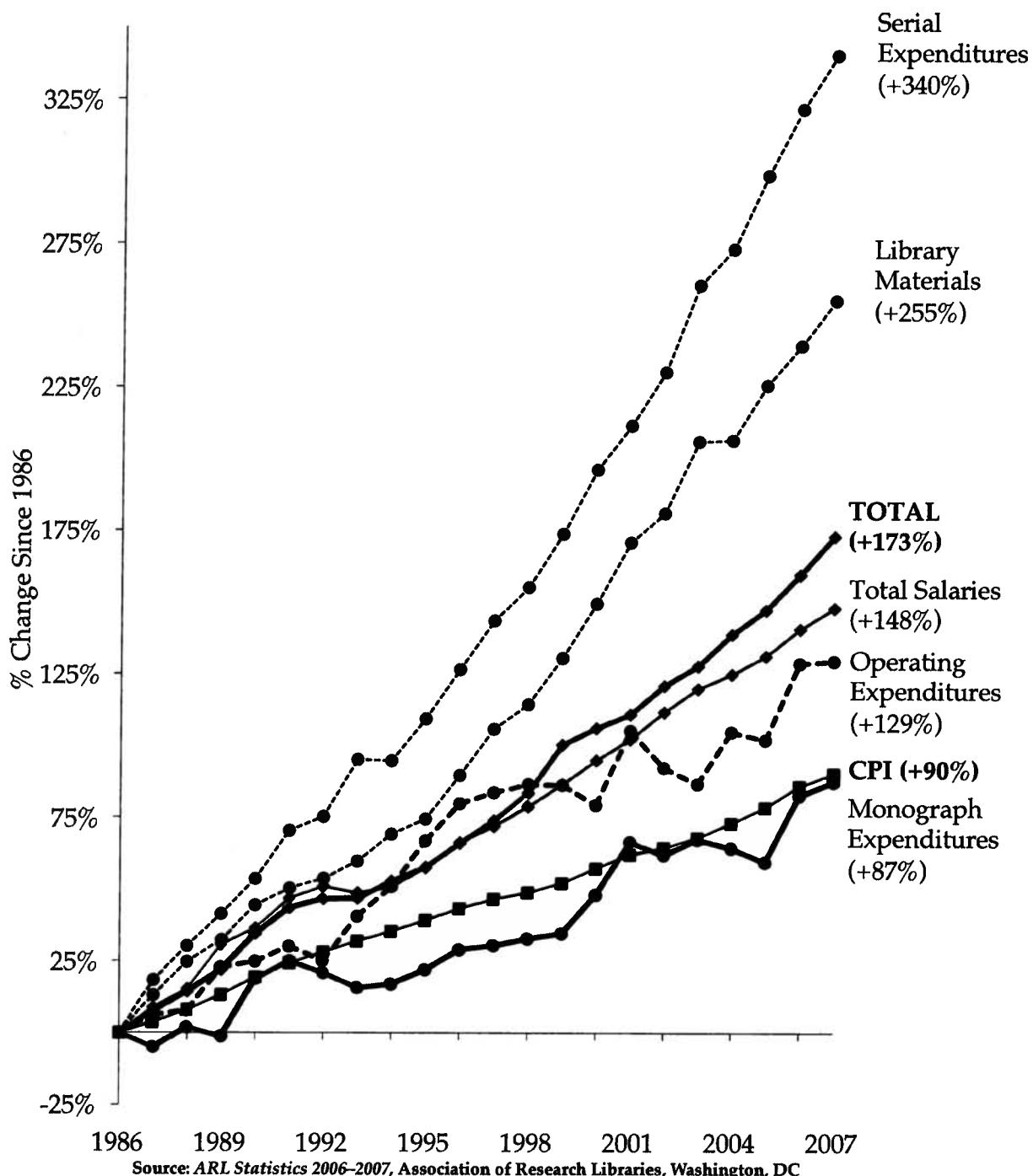


TABLE 5

**RESOURCES PER STUDENT IN ARL UNIVERSITY LIBRARIES, 1986–2007**  
**Median of Ratio Values for Time-Series Trends**

Year (Libraries)	ILL: Borrowed (102)	Volumes Held (103)	Volumes Added (Gross) (103)	Total Staff (103)	Monographs Purchased (57)
1986	0.42	123.18	4.17	0.0159	2.20
1987	0.44	125.31	3.92	0.0164	1.88
1988	0.44	128.27	3.82	0.0161	1.66
1989	0.50	130.04	3.84	0.0162	1.77
1990	0.55	133.51	3.86	0.0155	1.83
1991	0.63	137.11	4.04	0.0154	1.86
1992	0.62	137.68	3.95	0.0153	1.58
1993	0.68	146.02	3.76	0.0152	1.49
1994	0.74	151.20	4.07	0.0152	1.55
1995	0.80	154.00	4.37	0.0147	1.59
1996	0.89	158.10	3.78	0.0145	1.48
1997	0.89	159.40	4.03	0.0142	1.52
1998	0.97	159.24	4.06	0.0143	1.44
1999	1.05	159.37	4.00	0.0142	1.42
2000	1.13	157.74	3.82	0.0139	1.63
2001	1.16	155.71	3.89	0.0136	1.69
2002	1.14	155.04	3.87	0.0131	1.54
2003	1.14	156.41	3.52	0.0125	1.47
2004	1.20	151.49	3.45	0.0120	1.53
2005	1.22	157.93	3.30	0.0118	1.42
2006	1.22	160.05	3.26	0.0117	1.64
2007	1.13	159.49	3.49	0.0114	1.54
Average annual % change	4.8%	1.2%	-0.8%	-1.6%	-1.7%

Over the 22-year period since 1986, ARL libraries are acquiring 30% fewer monographs per student. Libraries reported fewer staff per student in 2006 as compared to 1986; in 2007, there was a median number of 11.4 total staff per 1,000 students, compared to the 1986 figure of 16 per 1,000.

GRAPH 5

## RESOURCES PER STUDENT IN ARL UNIVERSITY LIBRARIES, 1986–2007

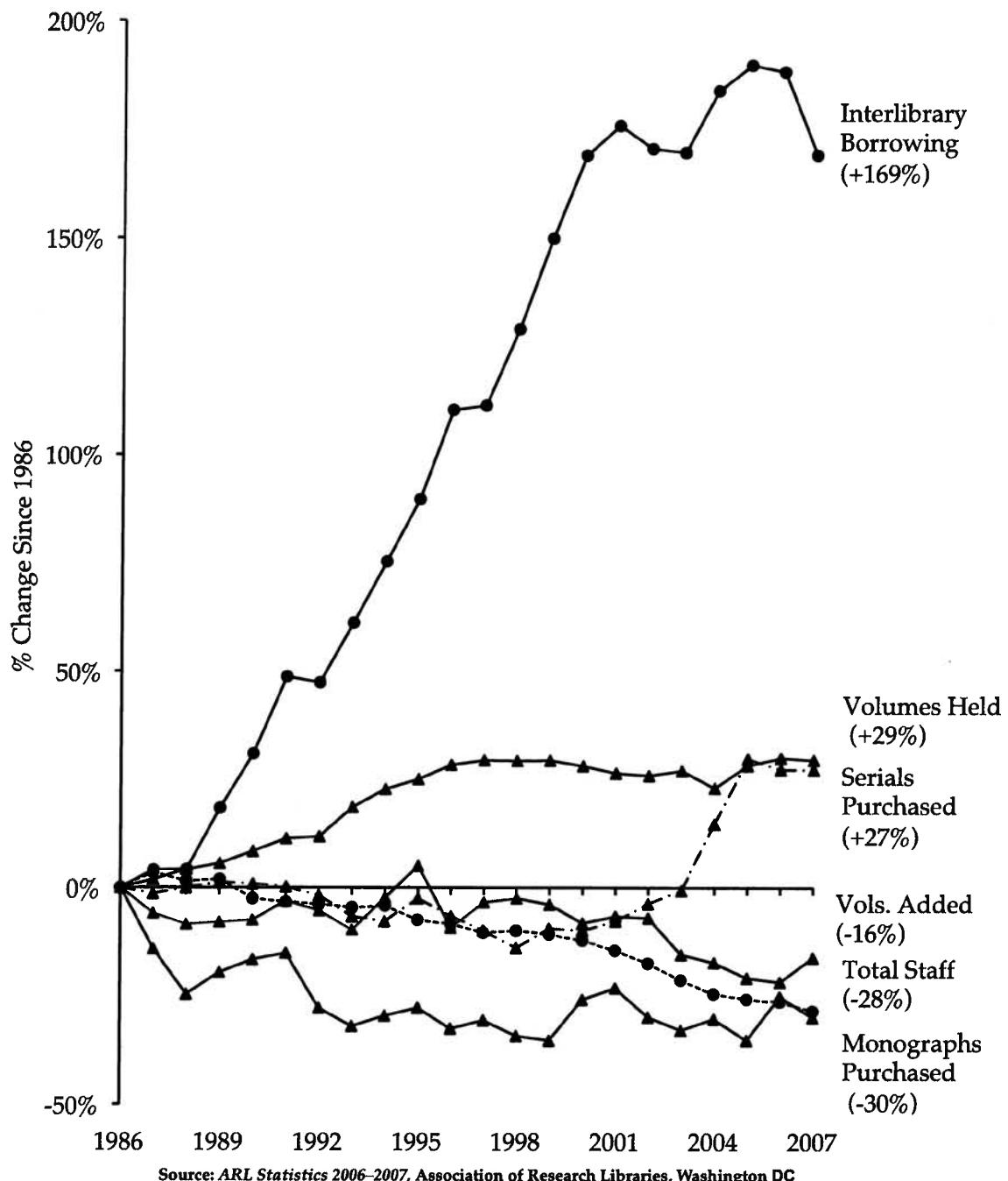


TABLE 6

## ELECTRONIC RESOURCES EXPENDITURES IN ARL UNIVERSITY LIBRARIES, 2006–2007

	Sum	Number Reporting
Expenditures for Computer Files (one-time / monographic purchase)	\$59,808,658	107
Expenditures for Electronic Serials	\$476,225,086	111
Expenditures for Bibliographic Utilities, Networks, etc. (Library)	\$26,771,671	101
Expenditures for Bibliographic Utilities, Networks, etc. (External)	\$18,931,797	84
Expenditures for Hardware and Software	75,169,750	109
Expenditures for Document Delivery / Interlibrary Loan	12,849,607	109

Table 6 contains data on several items which previously had been collected only in the *ARL Supplementary Statistics*. These data are especially useful because they reflect monies spent on all electronic serials, while the *ARL Statistics* categories of “serials purchased” and “serials expenditures” include only those journals that provide full-text electronic versions to their subscribers. The Expenditures for Electronic Serials time series may be viewed as an alternative to the Serials Purchased series, both figures reflecting in their own way the influence the electronic serial is gaining in the modern research library.

Not only have electronic materials expenditures grown sharply in the past decade, they have grown at a rate far exceeding that of library materials expenditures overall. As shown in Graph 6, in every year of the last decade electronic materials expenditures have grown sharply, anywhere between two and ten times faster than materials expenditures have.

The average ARL university library now spends just under 47% of its materials budget on electronic materials (Tables 7A and 7B) and 50 ARL libraries report that they spent more than 50% of their materials budget on electronic materials (see Rank Order Table 20).

## GRAPH 6

### ELECTRONIC RESOURCES VS. TOTAL MATERIALS EXPENDITURES, 1993–2007 YEARLY INCREASES IN AVERAGE

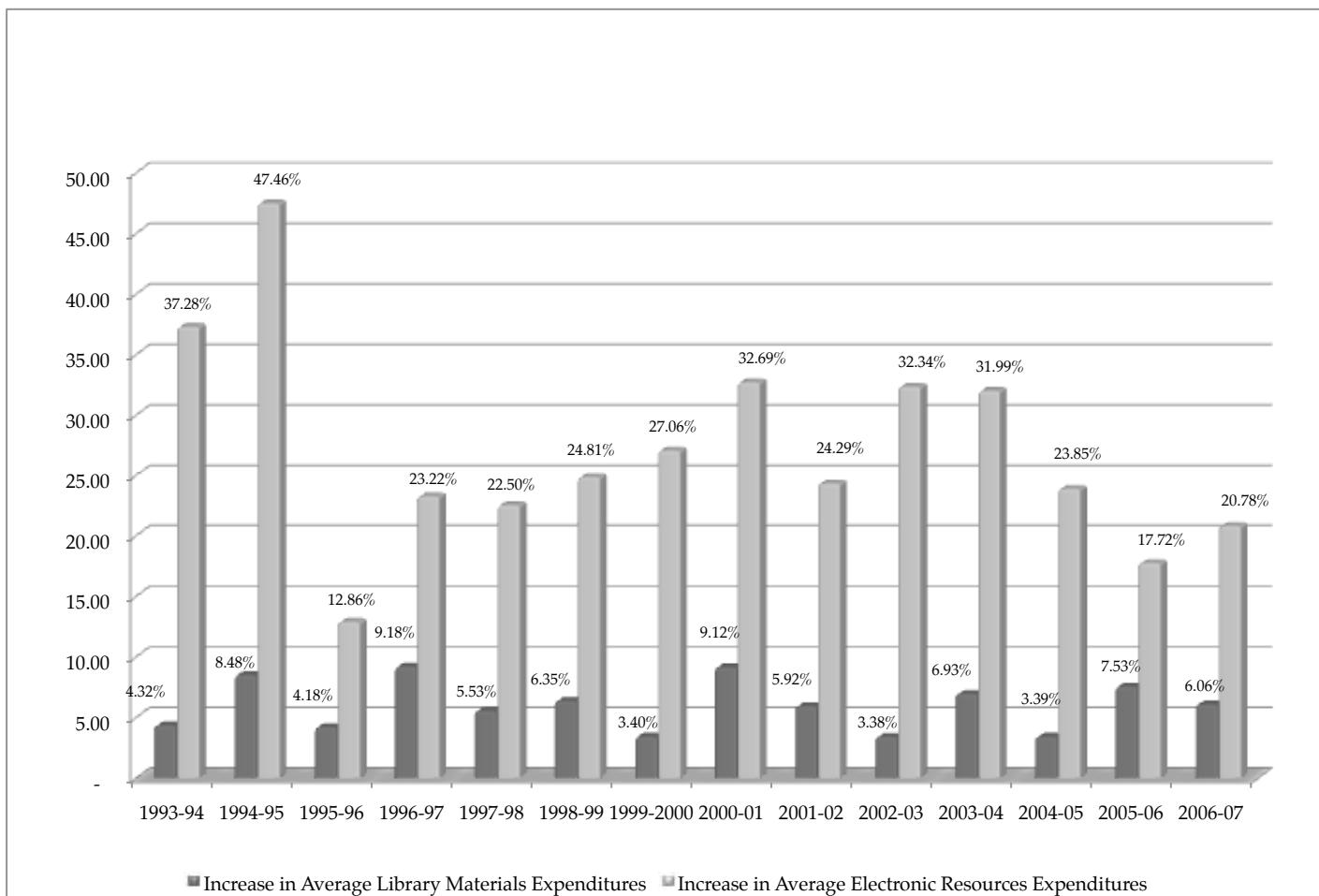


TABLE 7A

## ELECTRONIC RESOURCES AND MATERIALS EXPENDITURES IN ARL UNIVERSITY LIBRARIES, 1992–2002

	1992–1993	1993–1994	1994–1995	1995–1996	1996–1997	1997–1998	1998–1999	1999–2000*	2000–2001	2001–2002*
<b>a. Computer File Expenditures (monographic/onetime)</b>										
<b>Total</b>	14,147,625	20,132,553	22,030,727	24,639,822	8,013,055	11,189,103	10,848,219	14,727,984	15,297,096	16,748,194
<b>Average</b>	172,532	236,854	247,536	262,126	87,098	122,957	121,890	161,846	159,345	167,482
<b>Median</b>	148,158	212,936	217,988	219,178	47,932	52,311	54,024	98,657	72,070	82,566
<b>N</b>		85	89	94	92	91	89	91	96	100
<b>b. Electronic Serial Expenditures</b>										
<b>Total</b>	N/A	N/A	11,847,577	15,170,971	40,956,696	49,497,141	67,124,554	84,343,868	117,415,618	154,418,679
<b>Average</b>	N/A	N/A	188,057	194,500	401,536	494,971	639,281	818,873	1,118,244	1,429,803
<b>Median</b>	N/A	N/A	156,754	172,805	355,922	426,722	571,790	736,317	992,067	1,272,965
<b>N</b>			63	78	102	100	105	103	105	108
<b>c. Total Electronic Resources (Total a+b)</b>										
<b>Total</b>	14,147,625	20,132,553	33,878,304	39,810,793	50,512,984	60,686,244	77,972,773	99,071,852	132,712,714	171,166,873
<b>Average</b>	172,532	236,854	349,261	394,166	485,702	594,963	742,598	943,541	1,252,007	1,556,062
<b>Median</b>	148,158	212,936	278,404	332,128	420,741	495,011	645,495	931,210	1,129,298	1,377,874
<b>N</b>	82	85	97	101	104	102	105	105	106	110
<b>Total Library Materials Expenditures**</b>										
<b>Total</b>	393,271,073	425,287,651	526,496,347	571,145,986	642,123,715	664,600,663	727,623,160	773,321,519	828,778,808	910,930,849
<b>Average</b>	4,795,989	5,003,384	5,427,797	5,654,911	6,174,266	6,515,692	6,929,744	7,364,967	7,818,668	8,281,189
<b>Median</b>	4,242,887	4,527,122	4,714,384	4,975,353	5,529,606	5,643,070	5,991,177	6,545,146	7,028,134	7,566,727
<b>N</b>	82	85	97	101	104	102	105	105	106	110
<b>Electronic Resources Expenditures as a Percent of Total Materials Expenditures</b>										
<b>Average</b>	3.60	4.75	6.39	6.83	7.76	8.85	10.56	12.88	16.25	19.60
<b>Median</b>	N/A	4.45	5.33	6.42	7.51	8.29	10.18	12.75	14.80	18.15
<b>N</b>	82	85	97	101	104	102	105	105	106	110
<b>Expenditures for Bibliographic Utilities, Networks, etc. (External)</b>										
<b>Total</b>	N/A	N/A	N/A	N/A	\$3,827,348	4,695,737	7,442,962	9,523,348	14,655,078	20,373,560
<b>Average</b>	N/A	N/A	N/A	N/A	\$136,691	142,295	201,161	250,614	311,810	424,449
<b>Median</b>	N/A	N/A	N/A	N/A	\$120,096	128,795	145,280	204,598	198,289	336,690
<b>N</b>					28	33	37	38	47	48

\*In a recent review of past Supplementary Statistics data, some figures previously published in these columns were found to be incorrect and subsequently revised.

\*\*Figures reflect Materials Expenditures only from those institutions that reported nonzero figures for Total Electronic Resources.

TABLE 7B

## ELECTRONIC RESOURCES AND MATERIALS EXPENDITURES IN ARL UNIVERSITY LIBRARIES, 2002–2006

	2002–2003	2003–2004	2004–2005	2005–2006	2006–2007
<b>a. Computer File Expenditures (monographic/onetime)</b>					
<b>Total</b>	\$23,275,683	\$32,098,404	\$38,744,076	\$48,793,981	\$59,808,658
<b>Average</b>	\$225,978	\$314,690	\$372,539	\$478,372	\$558,959
<b>Median</b>	\$111,266	\$191,148	\$210,576	\$336,338	\$352,802
<b>N</b>	103	102	104	102	107
<b>b. Electronic Serial Expenditures</b>					
<b>Total</b>	\$205,300,292	\$269,601,241	\$328,166,027	\$383,127,163	\$476,225,086
<b>Average</b>	\$1,849,552	\$2,450,920	\$3,038,574	\$3,547,474	\$4,290,316
<b>Median</b>	\$1,649,361	\$2,348,463	\$2,824,962	\$3,349,709	\$4,240,530
<b>N</b>	111	110	108	108	111
<b>c. Total Electronic Resources (Total a+b)</b>					
<b>Total</b>	\$228,575,974	\$301,699,645	\$366,910,103	\$431,921,144	\$536,033,744
<b>Average</b>	\$2,059,243	\$2,718,015	\$3,366,147	\$3,962,579	\$4,786,016
<b>Median</b>	\$1,775,865	\$2,705,847	\$3,144,841	\$3,792,873	\$4,661,123
<b>N</b>	111	111	109	109	112
<b>Total Library Materials Expenditures**</b>					
<b>Total</b>	\$950,275,167	\$1,016,121,605	\$1,031,619,722	\$1,031,619,722	\$1,219,796,179
<b>Average</b>	\$8,561,038	\$9,154,249	\$9,464,401	\$9,464,401	\$10,794,656
<b>Median</b>	\$7,707,153	\$8,276,175	\$8,662,668	\$8,662,668	\$9,594,560
<b>N</b>	111	111	109	109	113
<b>Electronic Resources Expenditures as a Percent of Total Materials Expenditures</b>					
<b>Average</b>	25.02	31.33	37.46	40.93	46.55
<b>Median</b>	22.01	29.81	37.53	43.14	47.68
<b>N</b>	111	111	109	109	112
<b>Expenditures for Bibliographic Utilities, Networks, etc. (External)*</b>					
<b>Total</b>	\$21,470,716	\$17,420,520	\$16,082,790 <sup>+</sup>	\$15,930,476	\$18,931,797
<b>Average</b>	\$438,178	\$335,010	\$349,626 <sup>+</sup>	\$318,610	\$225,379
<b>Median</b>	\$250,000	\$94,837	\$149,396 <sup>+</sup>	\$143,649	\$33,247
<b>N</b>	49	52	46 <sup>+</sup>	50	84

\*\* Figures reflect Materials Expenditures only from those institutions that reported nonzero figures for Total Electronic Resources.

## ARL STATISTICS INTERACTIVE EDITION

The *ARL Statistics* are available through an interactive edition on the Web, supplementing previously available data from 1992–1993. Maintained and supported by the Geospatial and Statistical Data Center at the University of Virginia, this site offers researchers access to *ARL Statistics* with documentation.<sup>4</sup>

The site offers maps and graphics depicting current library trends. For the particularly adventurous, the site links to an interactive graphics and statistics page, allowing users to manipulate their data queries. One may chose univariate, bivariate, or multivariate statistics in addition to a vast array of selections with which to customize a query. The interactive pages also include options for regional aggregates, customized samples of observations, simple rank order tabulations of data, and the ability to create ratios of any two variables. These and other capabilities are located at <http://fisher.lib.virginia.edu/arls/>.

The ARL Statistics datafiles since 1908 can be retrieved in spreadsheet format from <http://www.arl.org/stats/annualsurveys/arlstats/mrstat.shtml>.

The ARL Statistics and Measurement Program Web site is located at <http://www.arl.org/stats/>.

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<sup>4</sup> For more information on the *ARL Statistics* Interactive Edition, see Martha Kyriolidou, "To Describe and Measure the Performance of North American Research Libraries," *IFLA Journal* 27 (2001): 257–63.

**ARL LIBRARY DATA TABLES  
2006-2007**

## COLLECTIONS PART 1

INSTITUTION	Notes	Volumes In Library	Volumes Added (Gross)	Volumes Added (Net)	Monographs Purchased (Volumes)	Current Serials Total
		(Survey Question Number)	(1)	(1b.i)	(1b)	(2)
ALABAMA	bGLM+	2,835,808	46,035	38,877	22,903	44,079
ALBERTA	G+	6,720,775	269,948	256,955	UA/NA	45,110
ARIZONA	bGLM+	5,632,559	82,344	-34,354	38,670	75,181
ARIZONA STATE	BGL+	4,342,425	93,623	83,215	61,036	82,862
AUBURN	G+	3,016,986	34,484	32,707	16,548	36,635
BOSTON	LM+	2,463,324	47,105	13,767	14,514	45,264
BOSTON COLLEGE	bL+	2,446,744	50,137	33,210	31,328	31,714
BRIGHAM YOUNG	GL+	3,908,127	184,608	169,280	138,172	54,183
BRITISH COLUMBIA	G+	5,929,597	109,070	109,070	UA/NA	67,827
BROWN	bG+	3,720,244	74,085	72,267	51,967	54,050
CALIFORNIA, BERKELEY	GL+	10,725,334	202,625	187,748	UA/NA	87,265
CALIFORNIA, DAVIS	GLM+	3,599,983	81,543	50,979	UA/NA	42,592
CALIFORNIA, IRVINE	bGM+	2,778,921	65,290	64,127	33,907	47,668
CALIFORNIA, LOS ANGELES	GLM+	8,272,112	131,198	114,930	57,260	76,248
CALIFORNIA, RIVERSIDE	G+	2,483,202	50,266	47,906	47,706	44,025
CALIFORNIA, SAN DIEGO	bGM+	3,360,442	130,258	80,703	41,290	37,385
CALIFORNIA, SANTA BARBARA		2,914,539	37,484	34,245	24,639	35,544
CASE WESTERN RESERVE	bGLM+	2,518,324	27,987	22,555	136,128	54,252
CHICAGO	bGLM+	7,926,905	191,311	161,322	135,798	57,236
CINCINNATI	GLM+	3,418,599	94,815	80,446	40,340	69,609
COLORADO	bGL+	3,843,458	99,592	86,491	31,903	50,350
COLORADO STATE	G+	2,066,079	65,234	62,389	32,245	32,678
COLUMBIA	GLM+	10,004,848	229,439	206,459	107,984	119,637
CONNECTICUT	BGLM+	3,637,190	41,666	7,613	21,740	51,007
CORNELL	BGL+	7,999,177	128,113	117,509	UA/NA	92,000
DARTMOUTH	GM+	2,732,831	50,168	42,436	29,934	51,936
DELAWARE	+	2,741,215	38,010	36,229	374,508	21,931
DUKE	bLM+	5,872,136	98,905	86,640	66,344	47,122
EMORY	BGLM+	3,298,971	94,667	72,835	47,005	54,218
FLORIDA	BbLM+	4,229,717	59,624	52,595	51,053	73,747
FLORIDA STATE	BbGLM+	3,442,420	62,369	41,998	44,117	51,733
GEORGE WASHINGTON	GLM+	2,219,849	46,166	22,205	27,928	65,604
GEORGETOWN	bGLM+	2,955,278	91,987	77,716	35,260	53,697
GEORGIA	GL+	4,559,220	75,494	73,042	161,183	80,976
GEORGIA TECH	G+	2,487,554	41,220	38,231	7,460	40,887
GUELPH	BG+	1,578,968	29,071	21,226	UA/NA	11,787
HARVARD	GLM+	15,965,675	347,049	22,597	UA/NA	110,463
HAWAII	GLM+	3,486,937	56,308	52,401	28,685	58,111
HOUSTON	bL+	2,558,069	79,824	53,833	65,962	42,812
HOWARD	bGLM+	2,467,638	33,864	31,475	2,985	16,627
ILLINOIS, CHICAGO	M+	2,363,705	48,051	38,848	28,776	35,006
ILLINOIS, URBANA	bGL+	10,712,706	196,882	190,761	70,124	107,666

## COLLECTIONS PART 1

Current Serials Purchased	Current Serials Purchased Electronic	Current Serials Purchased Print	Current Serials Not Purchased	Current Serials Not Purchased Electronic	Current Serials Not Purchased Print	
(4a)	(4a.i)	(4a.ii)	(4b)	(4b.i)	(4b.ii)	(Survey Question Number)
						INSTITUTION
36,110	31,820	4,290	7,969	7,643	326	ALABAMA
31,541	20,853	10,688	13,569	UA/NA	UA/NA	ALBERTA
72,710	63,982	8,728	2,471	20	2,451	ARIZONA
65,586	54,726	10,860	17,276	7,260	10,016	ARIZONA STATE
15,308	13,850	1,458	21,327	20,527	800	AUBURN
42,924	35,233	7,691	2,340	2,270	70	BOSTON
23,671	17,302	6,369	8,043	7,866	177	BOSTON COLLEGE
45,796	24,101	21,695	8,387	4,149	4,238	BRIGHAM YOUNG
67,827	48,020	19,807	0	UA/NA	UA/NA	BRITISH COLUMBIA
36,678	34,550	2,128	17,372	17,340	32	BROWN
81,551	36,394	45,157	5,714	74	5,640	CALIFORNIA, BERKELEY
33,390	22,534	10,856	9,202	4,721	4,481	CALIFORNIA, DAVIS
31,395	27,250	4,145	16,273	15,371	902	CALIFORNIA, IRVINE
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	CALIFORNIA, LOS ANGELES
32,557	29,237	3,320	11,468	7,133	4,335	CALIFORNIA, RIVERSIDE
26,582	21,287	5,295	10,803	8,347	2,456	CALIFORNIA, SAN DIEGO
24,198	16,962	7,236	11,346	4,672	6,674	CALIFORNIA, SANTA BARBARA
48,726	42,993	5,733	5,526	3,079	2,447	CASE WESTERN RESERVE
34,453	21,108	13,345	22,783	13,900	8,883	CHICAGO
67,409	58,220	9,189	2,200	1,752	448	CINCINNATI
33,342	32,164	1,178	17,008	17,008	0	COLORADO
20,366	18,454	1,912	12,312	10,980	1,332	COLORADO STATE
86,802	61,715	25,087	32,835	16,520	16,315	COLUMBIA
24,477	17,303	7,174	26,530	25,645	885	CONNECTICUT
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	CORNELL
46,380	39,199	7,181	5,556	3,247	2,309	DARTMOUTH
16,918	11,843	5,075	5,013	3,509	1,504	DELAWARE
46,965	34,746	12,219	157	UA/NA	UA/NA	DUKE
39,113	28,006	11,107	15,105	7,683	7,422	EMORY
56,302	31,763	24,539	17,445	13,411	4,034	FLORIDA
49,903	42,526	7,377	1,830	0	1,830	FLORIDA STATE
58,795	42,991	15,804	6,809	6,620	189	GEORGE WASHINGTON
48,460	37,277	11,183	5,237	4,244	993	GEORGETOWN
50,849	42,558	8,291	30,127	25,866	4,261	GEORGIA
12,755	8,365	4,390	28,132	13,121	15,011	GEORGIA TECH
11,287	8,976	2,311	500	UA/NA	UA/NA	GUELPH
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	HARVARD
38,993	25,325	13,668	19,118	11,651	7,467	HAWAII
39,382	24,316	15,066	3,430	8	3,422	HOUSTON
13,442	5,740	7,702	3,185	1,705	1,480	HOWARD
31,841	24,747	7,094	3,165	3,165	0	ILLINOIS, CHICAGO
98,511	66,389	32,122	9,155	6,236	2,919	ILLINOIS, URBANA

## COLLECTIONS PART 1

INSTITUTION	Notes	Volumes In Library	Volumes Added (Gross)	Volumes Added (Net)	Monographs Purchased (Volumes)	Current Serials Total
		(Survey Question Number)	(1)	(1b.i)	(1b)	(2)
INDIANA	+	7,553,823	196,277	179,039	59,972	57,534
IOWA	bLM+	4,765,690	184,240	167,210	46,293	59,380
IOWA STATE	G+	2,500,880	44,550	27,805	28,620	58,443
JOHNS HOPKINS	BGM+	3,726,532	59,052	48,890	30,661	91,851
KANSAS	BbGLM+	4,210,639	62,438	16,356	75,980	48,212
KENT STATE	BbG+	2,809,479	55,279	51,155	12,338	17,098
KENTUCKY	GLM+	3,537,710	85,561	81,374	59,041	44,610
LAVAL	G+	2,834,119	61,874	48,909	37,034	32,158
LOUISIANA STATE	GLM+	3,548,726	54,400	23,800	67,754	86,026
LOUISVILLE	BGLM+	2,143,282	63,740	61,462	10,562	39,268
MCGILL	BbG+	4,143,904	184,910	156,654	78,339	54,490
MCMASTER	GM+	2,019,006	18,107	13,726	UA/NA	41,216
MANITOBA	G+	2,235,944	52,240	45,640	37,773	29,800
MARYLAND		3,623,376	159,099	122,322	45,368	60,117
MASSACHUSETTS	G+	3,529,419	190,568	189,840	16,226	16,488
MIT	G+	2,847,680	43,372	40,112	22,899	22,280
MIAMI	GLM+	3,227,943	70,498	61,268	38,779	62,621
MICHIGAN	GLM+	8,414,070	157,552	141,020	134,362	71,788
MICHIGAN STATE	GL+	4,915,621	66,906	51,018	32,847	74,177
MINNESOTA	bGLM+	6,867,777	137,273	122,790	43,049	77,446
MISSOURI	L+	3,454,585	64,014	57,410	39,239	52,490
MONTREAL	GLM+	3,150,386	74,411	60,097	51,742	54,265
NEBRASKA	GL+	3,171,134	65,994	57,661	15,233	41,034
NEW MEXICO	GLM+	2,707,830	62,075	32,748	24,136	40,374
NEW YORK	bGLM+	4,946,277	100,043	65,171	73,089	58,968
NORTH CAROLINA	GLM+	6,154,365	138,562	126,306	69,102	56,647
NORTH CAROLINA STATE	G+	3,857,365	172,583	169,632	26,560	53,404
NORTHWESTERN	BGLM+	4,768,588	92,004	80,760	42,066	64,888
NOTRE DAME	bGL+	3,322,395	79,540	75,427	45,192	68,038
OHIO	BbG+	2,913,522	83,258	55,113	34,121	39,297
OHIO STATE	bGLM+	6,244,095	115,400	35,194	68,746	68,550
OKLAHOMA	GLM+	5,047,646	131,123	129,295	31,528	55,815
OKLAHOMA STATE	BGM+	2,789,236	79,930	77,981	27,469	56,261
OREGON	bGL+	2,905,608	62,013	56,911	21,613	62,348
PENNSYLVANIA	GLM+	5,994,465	107,078	91,082	UA/NA	84,182
PENNSYLVANIA STATE	BGLM+	5,220,080	185,622	150,226	94,929	68,876
PITTSBURGH	BGLM+	5,116,305	217,345	207,041	UA/NA	48,637
PRINCETON	b+	6,778,675	169,135	160,211	95,534	41,120
PURDUE	G+	2,504,803	52,779	-6,294	16,809	40,073
QUEENS	LM+	2,517,328	48,389	40,191	26,355	39,823
RICE	G+	2,518,659	45,481	44,307	35,828	66,473
ROCHESTER	bM+	3,672,976	34,715	29,486	22,172	27,240

## COLLECTIONS PART 1

Current Serials Purchased	Current Serials Purchased Electronic	Current Serials Purchased Print	Current Serials Not Purchased	Current Serials Not Purchased Electronic	Current Serials Not Purchased Print	
(4a)	(4a.i)	(4a.ii)	(4b)	(4b.i)	(4b.ii)	(Survey Question Number)
						INSTITUTION
51,326	29,051	22,275	6,208	2,986	3,222	INDIANA
41,388	24,130	17,258	17,992	14,348	3,644	IOWA
41,833	31,820	10,013	16,610	13,266	3,344	IOWA STATE
54,944	UA/NA	UA/NA	36,907	UA/NA	UA/NA	JOHNS HOPKINS
34,138	25,863	8,275	14,074	8,230	5,844	KANSAS
11,592	UA/NA	UA/NA	5,501	UA/NA	UA/NA	KENT STATE
28,116	24,679	3,437	16,494	9,784	6,710	KENTUCKY
24,293	19,420	4,873	7,865	6,180	1,685	LAVAL
72,876	71,003	1,873	13,150	13,106	44	LOUISIANA STATE
39,268	26,209	13,059	0	UA/NA	UA/NA	LOUISVILLE
42,493	33,025	9,468	11,997	7,472	4,525	MCGILL
30,870	27,415	3,455	10,346	8,975	1,371	MCMASTER
19,939	16,287	3,652	9,861	7,567	2,294	MANITOBA
52,268	45,171	7,097	7,849	7,843	6	MARYLAND
9,757	3,785	5,972	6,731	6,259	472	MASSACHUSETTS
11,791	4,996	6,795	10,489	3,134	7,355	MIT
58,494	52,989	5,505	4,127	3,650	477	MIAMI
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	MICHIGAN
53,094	44,012	9,082	21,083	9,547	11,536	MICHIGAN STATE
50,238	29,486	20,752	27,208	16,467	10,741	MINNESOTA
43,490	16,620	26,870	9,000	8,177	823	MISSOURI
45,657	37,905	7,752	8,608	4,241	4,367	MONTREAL
31,767	24,403	7,364	9,267	2,790	6,477	NEBRASKA
26,834	20,982	5,852	13,540	13,028	512	NEW MEXICO
40,981	32,363	8,618	17,987	9,811	8,176	NEW YORK
30,842	21,491	9,351	25,805	6,378	19,427	NORTH CAROLINA
20,827	17,206	3,621	32,577	23,725	8,852	NORTH CAROLINA STATE
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	NORTHWESTERN
52,715	45,363	7,352	15,323	0	0	NOTRE DAME
25,702	22,621	3,081	13,595	13,359	236	OHIO
59,839	50,860	8,979	8,711	3,285	5,426	OHIO STATE
45,523	40,794	4,729	10,292	9,100	1,192	OKLAHOMA
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	OKLAHOMA STATE
46,903	40,725	6,178	15,445	14,287	1,158	OREGON
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	PENNSYLVANIA
56,007	41,038	14,969	12,869	1,185	11,684	PENNSYLVANIA STATE
43,243	35,549	7,694	5,394	3,922	1,472	PITTSBURGH
40,385	28,811	11,574	735	643	92	PRINCETON
30,634	27,517	3,117	9,439	5,232	4,207	PURDUE
33,113	25,101	8,012	6,710	6,181	529	QUEENS
53,811	50,160	3,651	12,662	12,177	485	RICE
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	ROCHESTER

## COLLECTIONS PART 1

INSTITUTION	Notes	Volumes In Library	Volumes Added (Gross)	Volumes Added (Net)	Monographs Purchased (Volumes)	Current Serials Total
		(Survey Question Number)	(1)	(1b.i)	(1b)	(2)
RUTGERS	BGL+	4,462,249	100,692	88,427	47,436	54,450
SASKATCHEWAN	LM+	2,367,250	63,731	20,017	22,471	34,920
SOUTH CAROLINA	LM+	3,579,504	54,301	47,966	21,300	51,540
SOUTHERN CALIFORNIA	BGLM+	4,039,228	73,605	70,300	45,731	89,971
SOUTHERN ILLINOIS	bLM+	3,073,665	29,439	18,919	11,717	39,221
SUNY-ALBANY	G+	2,156,476	45,500	27,373	17,475	35,466
SUNY-BUFFALO	GLM+	3,655,089	54,272	48,464	37,565	71,234
SUNY-STONY BROOK	M+	2,240,758	27,297	11,937	10,298	38,747
SYRACUSE	GL+	3,160,240	30,294	-20,187	17,998	23,285
TEMPLE	BbGLM+	3,137,142	66,014	65,031	62,027	51,198
TENNESSEE	BbGLM+	3,251,893	78,738	68,712	35,889	44,337
TEXAS	GL+	9,323,252	114,833	94,787	59,852	56,097
TEXAS A&M	BG+	3,739,081	164,566	157,855	107,691	51,797
TEXAS TECH	BLM+	2,578,185	58,178	52,228	37,790	70,114
TORONTO	BL+	10,719,219	232,020	199,906	134,006	47,916
TULANE	BLM+	3,106,645	44,108	41,420	38,966	34,820
UTAH	LM+	3,320,167	69,759	65,458	UA/NA	45,830
VANDERBILT	GLM+	3,311,665	58,102	47,434	32,671	44,199
VIRGINIA	GLM+	5,465,077	88,756	-1,084	101,201	82,440
VIRGINIA TECH	G+	2,299,426	35,265	30,807	26,410	35,596
WASHINGTON	GLM+	7,304,234	221,816	193,169	62,616	61,272
WASHINGTON STATE	BG+	2,294,761	26,922	16,976	17,719	37,648
WASHINGTON U-ST. LOUIS	GLM+	4,162,980	58,602	46,738	26,144	49,970
WATERLOO	G+	2,224,282	188,964	169,151	180,470	21,706
WAYNE STATE	G+	3,458,773	35,959	15,526	16,271	43,559
WESTERN ONTARIO	GL+	3,362,078	52,753	51,753	92,700	56,223
WISCONSIN	GLM+	7,916,419	116,200	87,783	57,383	54,164
YALE	GLM+	12,283,594	254,999	251,071	180,163	89,649
YORK	BG+	2,733,807	44,626	36,327	29,813	38,714
BOSTON PUBLIC	G	7,631,990	384,434	205,736	192,362	7,149
CISTI	G+	8,161,218	16,060	11,695	16,811	15,000
CENTER FOR RESEARCH LIBS	G+	2,218,290	7,912	7,983	4,320	UA/NA
LIBRARY OF CONGRESS	bG+	29,864,066	522,446	502,199	132,176	158,100
NATL AGRICULTURAL LIB	G+	2,427,420	12,416	9,532	3,290	13,328
LIB & ARCHIVES CANADA	G+	9,416,380	UA/NA	UA/NA	10,258	43,881
NATL LIB OF MEDICINE	+	2,558,973	36,725	26,915	14,869	21,317
NEW YORK PUBLIC	bG+	8,956,417	128,196	128,196	80,837	116,640
NEW YORK STATE	+	2,688,689	25,738	25,715	8,543	37,095
SMITHSONIAN	b+	1,566,708	15,385	15,385	5,127	4,522

+ - See Footnotes

L - Includes Law library

M- Includes Medical library

G - Government documents not included in serials count

B - Includes branch campuses

b - Basis of volume count is bibliographic

U/A - Unavailable

N/A - Not Applicable

## COLLECTIONS PART 1

Current Serials Purchased	Current Serials Purchased Electronic	Current Serials Purchased Print	Current Serials Not Purchased	Current Serials Not Purchased Electronic	Current Serials Not Purchased Print	INSTITUTION
(4a)	(4a.i)	(4a.ii)	(4b)	(4b.i)	(4b.ii) (Survey Question Number)	
40,777	33,864	6,913	13,673	13,183	490	RUTGERS
26,420	23,536	2,884	8,500	8,077	423	SASKATCHEWAN
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	SOUTH CAROLINA
66,328	48,636	17,692	23,643	10,921	12,722	SOUTHERN CALIFORNIA
30,924	27,014	3,910	8,297	7,903	394	SOUTHERN ILLINOIS
27,988	16,292	11,696	7,478	4,849	2,629	SUNY-ALBANY
59,457	51,274	8,183	11,777	3,646	8,131	SUNY-BUFFALO
33,847	26,258	7,589	4,900	4,796	104	SUNY-STONY BROOK
20,232	17,780	2,452	3,053	2,004	1,049	SYRACUSE
41,687	36,266	5,421	9,511	9,358	153	TEMPLE
27,923	22,246	5,677	16,414	9,440	6,974	TENNESSEE
33,354	21,648	11,706	22,743	11,357	11,386	TEXAS
34,409	30,028	4,381	17,388	12,594	4,794	TEXAS A&M
58,320	54,183	4,137	11,794	11,535	259	TEXAS TECH
39,847	20,357	19,490	8,069	6,068	2,001	TORONTO
33,307	22,759	10,548	1,513	795	718	TULANE
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UTAH
32,912	24,426	8,486	11,287	10,475	812	VANDERBILT
44,652	37,588	7,064	37,788	32,064	5,724	VIRGINIA
30,576	29,085	1,491	5,020	4,565	455	VIRGINIA TECH
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	WASHINGTON
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	WASHINGTON STATE
38,994	32,516	6,478	10,976	8,296	2,680	WASHINGTON U-ST. LOUIS
20,738	14,402	6,336	968	968	0	WATERLOO
29,246	24,421	4,825	14,313	13,997	316	WAYNE STATE
52,565	39,613	12,952	3,658	1,550	2,108	WESTERN ONTARIO
50,398	18,398	32,000	3,766	3	3,763	WISCONSIN
85,090	59,982	25,108	4,559	3,108	1,451	YALE
33,514	25,559	7,955	5,200	4,369	831	YORK
7,149	168	6,981	UA/NA	UA/NA	UA/NA	BOSTON PUBLIC
14,307	11,818	2,489	693	66	627	CISTI
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	CENTER FOR RESEARCH LIBS
57,980	23,528	34,452	100,120	7,814	92,306	LIBRARY OF CONGRESS
2,953	999	1,954	10,375	2,519	7,856	NATL AGRICULTURAL LIB
1,225	157	1,068	42,656	3,329	39,327	LIB & ARCHIVES CANADA
18,574	2,549	16,025	2,743	634	2,109	NATL LIB OF MEDICINE
94,189	60,572	33,617	22,451	0	22,451	NEW YORK PUBLIC
31,887	24,069	7,818	5,208	0	5,208	NEW YORK STATE
1,948	38	1,910	2,574	UA/NA	UA/NA	SMITHSONIAN

## SUMMARY DATA: COLLECTIONS PART 1

(Survey Question Number)	(1)	(1b.i)	(1b)	(2)	(4)
<b>UNIVERSITY LIBRARIES</b>					
Mean	4,284,758	94,139	75,275	52,927	53,528
Median	3,454,585	69,759	56,911	38,230	51,797
High	15,965,675	347,049	256,955	374,508	119,637
Low	1,578,968	18,107	-34,354	2,985	11,787
Totals	484,177,673	10,637,660	8,506,094	5,398,535	6,048,608
Number of Libraries Reporting	113	113	113	102	113
<b>NONUNIVERSITY LIBRARIES</b>					
Median	5,160,340	25,738	25,715	12,564	21,317
Totals	75,490,151	1,149,312	933,306	468,593	417,032
Number of Libraries Reporting	10	9	9	10	9
<b>GRAND TOTALS</b>					
	559,667,824	11,786,972	9,439,400	5,867,128	6,465,640

## SUMMARY DATA: COLLECTIONS PART 1

Current Serials Purchased	Current Serials Purchased Electronic	Current Serials Purchased Print	Current Serials Not Purchased	Current Serials Not Purchased Electronic	Current Serials Not Purchased Print	
(4a)	(4a.i)	(4a.ii)	(4b)	(4b.i)	(4b.ii)	(Survey Question Number)
<b>UNIVERSITY LIBRARIES</b>						
40,533	31,028	9,651	11,638	8,181	3,559	Mean
39,113	28,006	7,589	9,861	7,520	2,055	Median
98,511	71,003	45,157	37,788	32,064	19,427	High
9,757	3,785	1,178	0	0	0	Low
4,093,791	3,071,806	955,449	1,175,457	768,999	334,501	Totals
101	99	99	101	94	94	Number of Libraries Reporting
<b>NONUNIVERSITY LIBRARIES</b>						
14,307	2,549	6,981	7,792	634	7,856	Median
230,212	123,898	106,314	186,820	14,362	169,884	Totals
9	9	9	8	7	7	Number of Libraries Reporting
4,324,003	3,195,704	1,061,763	1,362,277	783,361	504,385	<b>GRAND TOTALS</b>

## COLLECTIONS PART 2

INSTITUTION	Notes	Microform Units	Government Documents	Computer Files and Archives	Manuscripts	Cartographic Materials	Graphic Materials	Audio Materials	Film and Video
		(Survey Question Number)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
ALABAMA	bGLM+	4,068,078	935,159	7,236	33,443	309,934	189,325	23,328	6,798
ALBERTA	G+	3,734,584	0	9,159	22,178	1,544,147	UA/NA	UA/NA	UA/NA
ARIZONA	bGLM+	6,267,015	0	18,041	10,328	266,094	355,681	42,961	26,681
ARIZONA STATE	BGL+	7,587,902	806,062	7,169	24,222	234,735	1,210,016	66,429	34,566
AUBURN	G+	2,712,980	239,511	3,134	10,365	151,373	75,327	115,724	5,289
BOSTON	LM+	4,675,390	UA/NA	2,063	48,800	1,700	17,700	56,184	1,504
BOSTON COLLEGE	bL+	4,152,272	213,086	5,445	8,460	17,816	127,217	20,600	22,187
BRIGHAM YOUNG	GL+	3,859,362	420,238	UA/NA	42,875	257,799	1,266,084	215,226	33,616
BRITISH COLUMBIA	G+	5,257,832	0	25,843	12,664	604,935	931,012	99,277	32,135
BROWN	bG+	1,952,956	0	5,537	11,727	150,719	950,392	76,117	8,282
CALIFORNIA, BERKELEY	GL+	6,757,837	505,860	18,020	86,871	438,463	9,636,669	93,188	47,007
CALIFORNIA, DAVIS	GLM+	4,220,007	73,145	12,150	17,705	262,092	235,470	12,834	3,792
CALIFORNIA, IRVINE	bGM+	2,891,436	167,834	11,160	4,120	11,232	71,661	9,634	11,074
CALIFORNIA, LOS ANGELES	GLM+	6,202,084	72,562	15,346	60,220	634,987	4,143,506	268,194	32,139
CALIFORNIA, RIVERSIDE	G+	2,252,549	296,807	9,579	4,187	106,089	21,687	21,014	9,410
CALIFORNIA, SAN DIEGO	bGM+	3,272,873	0	13,364	14,100	114,124	396,098	122,721	17,972
CALIFORNIA, SANTA BARBARA		3,771,797	435,798	13,147	16,969	4,056,155	1,824	132,401	10,615
CASE WESTERN RESERVE	bGLM+	2,590,449	26,867	8,310	1,940	64,647	72,556	32,347	21,545
CHICAGO	bGLM+	3,080,279	UA/NA	11,398	35,208	432,671	0	52,959	5,946
CINCINNATI	GLM+	3,362,670	33,497	13,352	25,726	170,989	302,151	63,360	22,658
COLORADO	bGL+	6,889,047	964,836	11,986	37,931	216,304	588,507	68,021	16,076
COLORADO STATE	G+	1,165,640	264,168	6,999	5,592	43,530	4,562	835	649
COLUMBIA	GLM+	6,300,446	194,423	46,812	240,397	138,975	863,359	100,827	32,018
CONNECTICUT	BGLM+	4,301,603	UA/NA	3,778	26,506	232,234	2,416	60,310	10,508
CORNELL	BGL+	8,445,737	UA/NA	18,321	64,624	251,509	49,217	118,229	37,076
DARTMOUTH	GM+	2,599,765	0	10,790	22,372	189,903	504,514	35,850	16,085
DELAWARE	+	3,437,256	450,119	327,486	4,870	126,585	812	1,935	18,142
DUKE	bLM+	4,301,882	1,252,784	58,509	53,289	132,323	917,600	56,529	74,980
EMORY	BGLM+	6,216,565	276,766	11,940	21,676	16,804	2,912	50,439	37,319
FLORIDA	BbLM+	7,814,666	1,235,366	7,820	8,662	848,615	144,520	18,750	42,875
FLORIDA STATE	BbGLM+	9,106,394	863,761	9,715	8,447	173,250	6,532	61,717	18,790
GEORGE WASHINGTON	GLM+	2,914,221	0	941	22,483	18,814	169,675	10,477	16,480
GEORGETOWN	bGLM+	3,957,886	9,385	7,026	18,023	1,870	376,062	18,367	24,766
GEORGIA	GL+	6,615,818	1,062,664	19,252	58,386	651,665	1,639,686	129,032	151,784
GEORGIA TECH	G+	4,613,109	0	15,466	6,346	198,065	108,525	1,866	5,293
GUELPH	BG+	2,343,937	0	3,410	13,297	73,935	7,553	12,514	UA/NA
HARVARD	GLM+	10,118,984	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA
HAWAII	GLM+	3,509,537	0	5,203	6,331	15,872	3,100	34,569	32,462
HOUSTON	bL+	5,955,038	680,971	2,183	4,863	5,653	526	17,160	6,395
HOWARD	bGLM+	4,220,992	4,405	79	19,276	33	160,200	25,556	6,675
ILLINOIS, CHICAGO	M+	3,969,651	785,060	UA/NA	32,200	194,844	2,109,500	8,251	11,193
ILLINOIS, URBANA	bGL+	9,535,387	0	13,956	43,764	668,116	90,729	157,963	26,760

## COLLECTIONS PART 2

INSTITUTION	Notes	Microform Units	Government Documents	Computer Files and Archives	Manuscripts	Cartographic Materials	Graphic Materials	Audio Materials	Film and Video
		(Survey Question Number)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
INDIANA	+	5,351,686	407,196	73,715	39,003	592,487	3,542,049	286,052	82,854
IOWA	bLM+	7,178,601	UA/NA	UA/NA	16,670	423,215	UA/NA	27,404	31,167
IOWA STATE	G+	3,508,755	0	10,016	16,733	108,543	886,332	15,018	53,088
JOHNS HOPKINS	BGM+	4,391,442	1,300	6,059	13,237	217,108	69,255	29,340	12,105
KANSAS	BbGLM+	3,646,724	736,947	13,801	52,738	337,067	3,255,408	37,736	23,438
KENT STATE	BbG+	UA/NA	0	12,930	11,273	7,742	2,112	15,687	12,619
KENTUCKY	GLM+	6,433,748	1,102,510	8,030	26,523	260,702	2,097,143	50,079	42,521
LAVAL	G+	1,293,971	0	6,111	0	302,688	215,131	21,512	27,055
LOUISIANA STATE	GLM+	6,763,548	592,560	9,071	23,744	453,793	UA/NA	23,570	4,782
LOUISVILLE	BGLM+	2,212,690	0	UA/NA	22,037	22,309	1,514,744	32,947	9,638
MCGILL	BbG+	1,782,148	676,373	1,181	1,031	237,039	289,669	49,886	31,221
MCMASTER	GM+	1,627,075	0	1,559	12,782	146,734	253	29,019	2,171
MANITOBA	G+	1,472,353	224,871	UA/NA	12,414	105,726	270,662	28,142	10,009
MARYLAND		5,810,160	198,577	7,715	39,851	225,156	351,711	297,458	42,117
MASSACHUSETTS	G+	2,582,187	.	1,629	14,500	102,549	250,030	20,041	4,670
MIT	G+	2,411,592	UA/NA	52,482	23,160	124,686	452,310	30,908	5,361
MIAMI	GLM+	3,981,693	0	5,103	17,733	56,695	12,726	55,190	15,534
MICHIGAN	GLM+	8,445,189	0	1,163,587	45,405	348,132	33,314,072	66,354	40,059
MICHIGAN STATE	GL+	6,736,282	0	22,546	2,600	311,246	1,817	66,405	4,911
MINNESOTA	bGLM+	6,947,047	2,638,912	16,808	80,127	428,772	UA/NA	UA/NA	UA/NA
MISSOURI	L+	8,696,639	1,681,590	96	11,422	272,445	629	24,984	4,538
MONTREAL	GLM+	1,539,466	0	8,067	0	13,155	115,701	40,446	14,387
NEBRASKA	GL+	4,659,407	552,672	7,626	10,240	169,039	103,899	35,003	2,953
NEW MEXICO	GLM+	4,716,420	658,593	45,501	15,504	232,306	1,081,234	29,121	8,250
NEW YORK	bGLM+	6,430,172	481,661	5,887	34,147	383	2,331,549	101,931	46,227
NORTH CAROLINA	GLM+	5,088,410	1,625,932	11,820	38,410	295,710	1,580,960	299,150	61,456
NORTH CAROLINA STATE	G+	5,445,379	0	271,144	12,731	41,311	123,150	4,348	22,374
NORTHWESTERN	BGLM+	4,511,356	7,808	14,467	14,280	207,463	610,801	62,739	30,439
NOTRE DAME	bGL+	3,920,355	0	6,354	33,215	20,518	230,000	21,757	11,507
OHIO	BbG+	3,308,966	UA/NA	17,006	13,071	185,508	97,681	61,998	40,500
OHIO STATE	bGLM+	6,002,228	738	11,079	32,840	229,129	2,344,828	64,948	UA/NA
OKLAHOMA	GLM+	4,449,470	29,927	5,126	17,998	155,806	1,748,010	4,504	8,396
OKLAHOMA STATE	BGM+	4,518,524	170,807	15,642	10,298	302,270	175,598	12,868	17,616
OREGON	bGL+	4,156,078	268,640	2,527	73,843	829,833	1,319,350	78,178	28,498
PENNSYLVANIA	GLM+	4,118,094	UA/NA	1,611	16,608	137,690	752,438	70,123	18,600
PENNSYLVANIA STATE	BGLM+	5,378,624	UA/NA	11,227	30,988	513,646	557,892	80,035	178,672
PITTSBURGH	BGLM+	5,399,668	UA/NA	49,070	31,064	124,015	762,322	112,306	82,005
PRINCETON	b+	6,536,264	122,822	11,455	33,605	330,996	248,011	91,505	8,066
PURDUE	G+	3,103,709	489,519	12,050	3,500	344,103	1,476	1,023	12,242
QUEENS	LM+	3,906,399	1,114,831	UA/NA	UA/NA	158,933	28,184	UA/NA	UA/NA
RICE	G+	3,248,726	55,896	14,978	7,326	27,129	33,888	45,292	12,568
ROCHESTER	bM+	5,105,142	429,239	7,160	14,898	106,064	11,564	93,895	16,600

## COLLECTIONS PART 2

INSTITUTION	Notes	Microform Units	Government Documents	Computer Files and Archives	Manuscripts	Cartographic Materials	Graphic Materials	Audio Materials	Film and Video
		(Survey Question Number)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
RUTGERS	BGL+	5,962,736	2,665,560	15,069	27,394	UA/NA	UA/NA	UA/NA	UA/NA
SASKATCHEWAN	LM+	3,108,884	415,587	5,090	268	73,250	29,972	17,960	2,065
SOUTH CAROLINA	LM+	5,306,418	937,420	3,957	9,641	323,412	250,071	38,431	17,209
SOUTHERN CALIFORNIA	BGLM+	6,278,392	270,642	11,172	47,545	84,493	3,192,538	29,814	32,879
SOUTHERN ILLINOIS	bLM+	4,594,306	313,173	10,849	26,619	344,028	6,997	28,701	17,248
SUNY-ALBANY	G+	2,880,197	0	2,291	12,030	25,206	56,138	11,945	14,714
SUNY-BUFFALO	GLM+	6,682,368	0	12,058	12,498	198,826	132,773	59,198	16,067
SUNY-STONY BROOK	M+	3,837,093	343,630	729	3,405	133,055	9,457	40,911	8,089
SYRACUSE	GL+	7,450,629	304,650	2,575	29,802	278,379	417,760	414,553	21,566
TEMPLE	BbGLM+	3,267,996	580	3,549	38,422	121,636	10,035,512	23,874	8,769
TENNESSEE	BbGLM+	4,362,751	4,344	3,197	14,603	391,117	121,472	26,091	16,657
TEXAS	GL+	6,588,105	0	8,247	123,550	324,340	11,825,718	177,682	76,051
TEXAS A&M	BG+	5,583,684	65,519	10,550	22,856	233,294	541,186	22,805	25,005
TEXAS TECH	BLM+	2,666,475	4,222	389,576	31,508	159,769	1,574,341	20,056	30,581
TORONTO	BL+	5,471,768	UA/NA	848,256	39,511	280,599	777,349	202,726	32,076
TULANE	BLM+	1,248,377	143,431	1,338	6,733	20	558	2,911	2,049
UTAH	LM+	3,631,803	892,377	7,668	35,093	253,526	1,556,643	49,321	33,921
VANDERBILT	GLM+	3,043,483	261,495	9,735	21,634	108,712	223,022	38,470	20,224
VIRGINIA	GLM+	5,508,337	676,182	11,353	27,953	152,487	457,983	70,984	34,738
VIRGINIA TECH	G+	6,323,061	399,525	10,675	17,788	139,577	92,074	10,957	16,617
WASHINGTON	GLM+	7,761,037	0	17,111	68,874	368,391	1,266,457	80,458	45,314
WASHINGTON STATE	BG+	3,929,090	0	514	19,065	2,303	369,419	13,898	34,882
WASHINGTON U-ST. LOUIS	GLM+	3,430,687	0	9,835	15,194	117,222	3	41,642	60,733
WATERLOO	G+	1,709,140	0	6,098	5,477	146,482	41	407	209
WAYNE STATE	G+	3,895,009	388,182	5,707	74,000	55,742	2,159,189	46,386	29,696
WESTERN ONTARIO	GL+	4,031,547	0	0	12,024	15,106	1,600,000	48,573	265
WISCONSIN	GLM+	6,314,054	861,389	12,960	157,221	594,247	6,269,614	350,723	22,673
YALE	GLM+	10,203,889	0	0	88,603	462,290	2,333,840	237,361	26,377
YORK	BG+	4,153,557	UA/NA	2,963	11,863	110,689	8,647	34,853	25,057
BOSTON PUBLIC	G	6,813,693	1,821,843	168	UA/NA	UA/NA	UA/NA	62,720	113,633
CISTI	G+	5,000,000	UA/NA	1,175	UA/NA	UA/NA	UA/NA	UA/NA	750
CENTER FOR RESEARCH LIBS	G+	1,878,944	UA/NA	1,334	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA
LIBRARY OF CONGRESS	bG+	14,833,797	0	218,731	61,433	5,317,279	14,430,705	2,955,493	1,204,781
NATL AGRICULTURAL LIB	G+	1,097,874	0	1,931	19,540	5,040	1,165	462	3,650
LIB & ARCHIVES CANADA	G+	8,167,075	37,905,053	UA/NA	169,402	2,939,959	24,627,021	333,102	196,820
NATL LIB OF MEDICINE	+	605,543	0	2,559	4,664	UA/NA	69,285	UA/NA	81,884
NEW YORK PUBLIC	bG+	6,871,387	UA/NA	UA/NA	65,783	433,738	4,390,604	577,212	69,609
NEW YORK STATE	+	8,371,010	UA/NA	8,596	28,109	209,454	70,355	55	91
SMITHSONIAN	b+	190,331	0	1,711	0	144	2,029	322	442

+- See Footnotes

L - Includes Law library

M- Includes Medical library

G - Government documents not included in serials count

B - Includes branch campuses

b - Basis of volume count is bibliographic

U / A - Unavailable

N/A - Not Applicable

. - no data supplied

## SUMMARY DATA: COLLECTIONS PART 2

(Survey Question Number)	Microform Units (6)	Government Documents (7)	Computer Files (8)	Manuscripts and Archives (9)	Cartographic Materials (10)	Graphic Materials (11)	Audio Materials (12)	Film and Video (13)
<b>UNIVERSITY LIBRARIES</b>								
Mean	4,705,760	358,474	39,212	28,290	261,600	1,250,918	66,429	25,401
Median	4,301,743	170,807	9,725	18,023	173,250	248,011	40,679	18,371
High	10,203,889	2,665,560	1,163,587	240,397	4,056,155	33,314,072	414,553	178,672
Low	1,165,640	0	0	0	20	0	407	209
Totals	527,045,173	35,488,963	4,156,483	3,140,166	29,037,639	133,848,246	7,174,288	2,692,487
Number of Libraries Reporting	112	99	106	111	111	107	108	106
<b>NONUNIVERSITY LIBRARIES</b>								
Median	5,906,847	0	1,821	28,109	321,596	70,355	62,720	69,609
Totals	53,829,654	39,726,896	236,205	348,931	8,905,614	43,591,164	3,929,366	1,671,660
Number of Libraries Reporting	10	6	8	7	6	7	7	9
<b>GRAND TOTALS</b>	<b>580,874,827</b>	<b>75,215,859</b>	<b>4,392,688</b>	<b>3,489,097</b>	<b>37,943,253</b>	<b>177,439,410</b>	<b>11,103,654</b>	<b>4,364,147</b>

## EXPENDITURES

INSTITUTION	Notes	Monographs	Current Serials	Other Library Materials	Miscellaneous Materials	Total Library Materials	Contract Binding
		(15a)	(15b)	(15c)	(15d)	(15)	(16)
ALABAMA	bGLM+	1,215,438	5,501,516	278,446	37,260	7,032,660	71,754
ALBERTA	G+	6,683,100	8,906,549	0	740,568	16,330,216	91,856
ARIZONA	bGLM+	2,573,806	8,802,183	505,504	692,200	12,573,693	47,806
ARIZONA STATE	BGL+	2,858,892	8,049,824	1,057,033	226,617	12,192,366	178,235
AUBURN	G+	759,395	4,689,237	86,164	8,750	5,543,546	50,084
BOSTON	LM+	768,884	7,029,125	195,086	94,659	8,087,754	180,106
BOSTON COLLEGE	bL+	1,541,777	4,875,969	676,040	1,389,862	8,483,648	139,881
BRIGHAM YOUNG	GL+	2,205,611	7,213,572	60,480	114,897	9,594,560	249,382
BRITISH COLUMBIA	G+	3,223,971	10,652,628	721,704	369,386	14,967,690	178,108
BROWN	bG+	1,535,685	5,392,181	813,525	478,421	8,219,812	181,750
CALIFORNIA, BERKELEY	GL+	8,272,940	10,103,565	1,339,357	0	19,715,862	1,037,615
CALIFORNIA, DAVIS	GLM+	2,694,586	4,849,663	983,901	263,591	8,791,741	158,587
CALIFORNIA, IRVINE	bGM+	2,257,999	6,138,494	233,994	0	8,630,487	51,617
CALIFORNIA, LOS ANGELES	GLM+	6,102,631	8,364,756	0	425,628	14,893,015	429,430
CALIFORNIA, RIVERSIDE	G+	1,520,557	4,226,314	206,097	223,962	6,176,930	239,642
CALIFORNIA, SAN DIEGO	bGM+	2,216,216	6,163,730	121,583	0	8,501,529	261,696
CALIFORNIA, SANTA BARBARA		1,518,430	3,905,421	0	0	5,423,851	114,826
CASE WESTERN RESERVE	bGLM+	759,691	5,179,761	246,385	146,485	6,332,322	89,807
CHICAGO	bGLM+	5,739,091	10,390,999	0	0	16,130,090	388,469
CINCINNATI	GLM+	2,540,500	6,292,494	618,287	149,512	9,600,793	153,444
COLORADO	bGL+	1,915,082	6,604,569	461,461	652,242	9,633,354	90,678
COLORADO STATE	G+	1,380,545	4,376,765	189,812	332,159	6,279,281	54,081
COLUMBIA	GLM+	6,201,339	13,564,480	1,531,873	949,956	22,247,648	635,628
CONNECTICUT	BGLM+	990,011	6,937,606	227,304	763,052	8,917,973	223,631
CORNELL	BGL+	6,336,853	7,830,051	599,373	246,394	15,012,671	166,825
DARTMOUTH	GM+	1,880,356	6,421,756	97,473	0	8,399,585	90,201
DELAWARE	+	2,216,377	5,293,185	609,168	261,389	8,380,119	75,405
DUKE	bLM+	5,810,298	9,745,194	95,250	1,085,965	16,736,707	184,550
EMORY	BGLM+	5,467,802	6,569,913	3,416,568	431,377	15,885,660	128,897
FLORIDA	BbLM+	1,986,941	8,809,701	513,603	534,581	11,844,826	154,753
FLORIDA STATE	BbGLM+	1,079,302	5,240,984	287,012	233,049	6,840,347	39,338
GEORGE WASHINGTON	GLM+	3,167,254	5,750,402	25,910	1,187,309	10,130,875	126,576
GEORGETOWN	bGLM+	2,458,166	7,179,747	744,609	429,189	10,811,711	128,963
GEORGIA	GL+	2,134,727	7,875,514	1,009,717	799,084	11,819,042	253,739
GEORGIA TECH	G+	784,565	3,737,606	1,391,527	0	5,913,698	47,249
GUELPH	BG+	1,287,233	3,354,670	201,763	565,106	5,408,772	27,839
HARVARD	GLM+	10,599,472	9,075,380	9,948,589	53,633	29,677,074	1,045,478
HAWAII	GLM+	1,562,869	6,037,397	172,771	86,001	7,859,038	119,752
HOUSTON	bL+	1,712,677	5,842,031	331,727	409,645	8,296,080	103,499
HOWARD	bGLM+	211,419	3,123,358	156,812	51,924	3,543,513	76,000
ILLINOIS, CHICAGO	M+	1,430,650	3,634,804	3,272,303	190,243	8,528,000	34,740
ILLINOIS, URBANA	bGL+	2,509,280	10,855,166	525,840	640,434	14,530,720	291,257

## EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Salaries & Wages Total	Other Operating Expenditures	Total Library Expenditures	(20) (Survey Question Number)
(17a)	(17b)	(17c)	(17)	(19)	(20)	INSTITUTION
3,860,379	2,007,848	644,043	6,512,270	1,884,462	15,501,146	ALABAMA
5,860,374	8,947,798	819,208	15,627,381	3,427,140	35,476,594	ALBERTA
5,886,547	5,767,787	893,876	12,548,210	5,599,618	30,769,327	ARIZONA
5,235,630	6,332,068	613,770	12,181,468	3,178,274	27,730,343	ARIZONA STATE
2,858,377	1,370,667	306,070	4,535,114	2,775,405	12,904,149	AUBURN
5,065,304	3,031,854	523,610	8,620,768	2,028,288	18,916,916	BOSTON
5,006,667	2,781,267	736,293	8,524,227	1,069,860	18,217,616	BOSTON COLLEGE
7,014,217	1,918,546	2,830,496	11,763,259	3,552,241	25,159,442	BRIGHAM YOUNG
7,534,732	6,358,379	683,201	14,576,311	3,140,977	32,863,086	BRITISH COLUMBIA
4,425,234	4,005,642	515,050	8,945,926	1,884,393	19,231,881	BROWN
16,494,886	8,052,680	2,750,761	27,298,327	5,179,950	53,231,754	CALIFORNIA, BERKELEY
4,066,158	4,886,060	1,224,015	10,176,233	1,875,816	21,002,377	CALIFORNIA, DAVIS
4,114,384	4,562,099	656,269	9,332,752	2,411,338	20,426,194	CALIFORNIA, IRVINE
12,470,133	11,642,522	2,819,624	26,932,279	9,537,404	51,792,128	CALIFORNIA, LOS ANGELES
3,385,067	2,926,972	538,772	6,850,811	1,812,193	15,079,576	CALIFORNIA, RIVERSIDE
6,623,465	7,034,524	1,322,158	14,980,147	4,497,608	28,240,980	CALIFORNIA, SAN DIEGO
3,122,777	4,389,314	1,051,425	8,563,516	4,292,569	18,394,762	CALIFORNIA, SANTA BARBARA
3,681,764	1,413,518	537,667	5,632,949	1,327,370	13,382,448	CASE WESTERN RESERVE
4,532,109	6,396,095	1,293,282	12,221,486	3,226,251	31,966,296	CHICAGO
6,833,807	2,019,746	688,372	9,541,925	2,749,762	22,045,924	CINCINNATI
3,051,583	4,528,215	817,507	8,397,305	1,434,326	19,555,663	COLORADO
2,840,345	2,052,687	608,505	5,501,537	2,330,509	14,165,408	COLORADO STATE
19,878,169	7,958,214	2,233,103	30,069,486	7,119,198	60,071,960	COLUMBIA
7,690,660	5,681,497	746,958	14,119,115	1,811,233	25,071,952	CONNECTICUT
8,051,501	12,937,254	958,719	21,947,474	6,705,371	43,832,341	CORNELL
4,237,776	3,895,569	430,129	8,563,474	1,287,032	18,340,292	DARTMOUTH
3,941,437	3,145,556	315,061	7,402,054	1,585,272	17,442,850	DELAWARE
9,890,275	4,980,627	555,643	15,426,545	3,421,450	35,769,252	DUKE
7,835,950	4,865,632	831,225	13,532,807	4,194,616	33,741,980	EMORY
6,439,058	6,282,527	872,889	13,594,474	3,247,284	28,841,337	FLORIDA
4,073,571	3,105,759	517,592	7,696,922	621,157	15,197,764	FLORIDA STATE
5,252,183	3,700,832	690,766	9,643,781	3,252,094	23,153,326	GEORGE WASHINGTON
UA/NA	UA/NA	UA/NA	10,738,442	2,620,243	24,299,359	GEORGETOWN
3,862,245	4,896,592	690,173	9,449,010	2,181,697	23,703,488	GEORGIA
3,809,690	1,133,563	121,364	5,064,617	1,007,096	12,032,660	GEORGIA TECH
2,730,575	2,732,785	402,838	5,866,199	914,826	12,217,636	GUELPH
38,968,403	20,409,253	1,637,534	61,015,190	19,111,716	110,849,458	HARVARD
5,554,214	2,613,830	1,071,147	9,239,191	1,316,262	18,534,243	HAWAII
2,761,459	2,323,383	452,029	5,536,871	3,181,042	17,117,492	HOUSTON
3,160,552	1,939,419	500,224	5,600,195	696,490	9,916,198	HOWARD
3,721,996	3,623,181	518,359	7,863,536	2,830,939	19,257,215	ILLINOIS, CHICAGO
11,732,551	7,621,597	1,906,596	21,260,744	5,836,352	41,919,073	ILLINOIS, URBANA

## EXPENDITURES

INSTITUTION	Notes	Monographs	Current Serials	Other Library Materials	Miscellaneous Materials	Total Library Materials	Contract Binding
		(Survey Question Number)	(15a)	(15b)	(15c)	(15d)	(15)
INDIANA	+	4,882,911	7,520,163	427,608	391,804	13,222,486	210,831
IOWA	bLM+	2,523,428	9,257,589	756,777	488,551	13,026,345	156,386
IOWA STATE	G+	1,701,393	6,976,459	177,205	390,166	9,245,223	138,837
JOHNS HOPKINS	BGM+	2,578,475	9,982,134	886,758	748,156	14,195,523	73,541
KANSAS	BbGLM+	2,059,371	5,816,294	210,129	516,612	8,602,406	124,397
KENT STATE	BbG+	668,315	3,205,844	UA/NA	0	3,874,159	56,646
KENTUCKY	GLM+	1,463,138	6,401,319	1,576,224	635,234	10,075,915	128,615
LAVAL	G+	2,382,243	6,634,782	146,438	60,938	9,224,402	55,326
LOUISIANA STATE	GLM+	2,133,886	5,364,761	110,011	0	7,608,658	63,438
LOUISVILLE	BGLM+	739,989	5,401,569	191,220	0	6,332,778	113,091
MCGILL	BbG+	4,104,301	7,623,795	124,691	319,675	12,172,462	222,687
MCMASTER	GM+	854,793	5,399,365	576,186	188,671	7,019,014	64,297
MANITOBA	G+	1,801,185	4,991,317	38,274	351,175	7,181,952	133,043
MARYLAND		1,472,832	5,828,111	255,206	1,845,314	9,401,463	150,749
MASSACHUSETTS	G+	1,026,781	4,629,601	175,757	22,783	5,854,922	60,037
MIT	G+	1,481,473	6,407,523	284,482	54,867	8,228,345	206,251
MIAMI	GLM+	2,819,446	10,043,269	608,263	357,162	13,828,140	117,479
MICHIGAN	GLM+	5,790,683	13,093,936	84,892	1,552,426	20,521,937	419,094
MICHIGAN STATE	GL+	2,281,288	7,774,976	377,197	128,863	10,562,324	206,349
MINNESOTA	bGLM+	3,410,483	10,598,368	1,625,741	61,021	15,695,613	318,053
MISSOURI	L+	1,258,392	6,702,693	365,785	62,852	8,389,722	122,890
MONTREAL	GLM+	2,095,490	8,249,669	119,275	69,163	10,533,596	133,903
NEBRASKA	GL+	825,135	5,069,291	242,275	89,521	6,226,322	167,766
NEW MEXICO	GLM+	1,134,913	5,197,173	109,155	640,562	7,081,803	75,334
NEW YORK	bGLM+	4,537,534	10,796,144	947,652	121,048	16,402,378	567,621
NORTH CAROLINA	GLM+	3,034,202	8,887,542	2,529,830	99,574	14,551,148	238,572
NORTH CAROLINA STATE	G+	1,466,172	6,246,215	428,773	949,547	9,090,707	192,205
NORTHWESTERN	BGLM+	3,819,450	7,970,083	575,138	546,581	12,911,252	165,155
NOTRE DAME	bGL+	4,219,144	6,186,694	0	90,341	10,496,179	94,799
OHIO	BbG+	1,196,904	3,709,367	307,521	119,979	5,333,771	45,318
OHIO STATE	bGLM+	2,800,330	7,874,018	367,637	406,904	11,448,889	313,373
OKLAHOMA	GLM+	3,186,570	7,799,637	1,571,964	408,396	12,966,567	179,114
OKLAHOMA STATE	BGM+	UA/NA	UA/NA	UA/NA	UA/NA	6,713,308	37,256
OREGON	bGL+	1,367,861	3,825,694	UA/NA	965,549	6,159,104	114,027
PENNSYLVANIA	GLM+	3,469,083	10,583,510	374,389	UA/NA	14,426,982	285,660
PENNSYLVANIA STATE	BGLM+	4,712,899	12,289,760	1,102,538	201,354	18,306,551	447,073
PITTSBURGH	BGLM+	3,014,747	9,475,124	1,571,730	376,932	14,438,533	219,243
PRINCETON	b+	6,599,603	9,298,538	1,924,135	605,843	18,428,119	552,746
PURDUE	G+	1,822,280	6,788,802	1,462,479	0	10,073,561	129,371
QUEENS	LM+	1,476,784	6,447,186	114,796	469,098	8,507,864	78,983
RICE	G+	3,424,015	5,618,451	441,621	405,479	9,889,566	56,020
ROCHESTER	bM+	1,128,862	5,619,179	368,454	48,537	7,165,032	121,162

## EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Salaries & Wages Total	Other Operating Expenditures	Total Library Expenditures	(20) (Survey Question Number)
(17a)	(17b)	(17c)	(17)	(19)	(20)	INSTITUTION
8,959,551	4,792,067	1,428,267	15,179,885	5,027,969	33,641,171	INDIANA
5,645,949	5,116,587	957,739	11,720,275	1,744,401	26,647,407	IOWA
3,034,314	3,647,306	493,046	7,174,666	1,836,286	18,395,012	IOWA STATE
7,058,789	5,363,313	579,374	13,001,476	4,537,021	31,807,561	JOHNS HOPKINS
5,431,178	3,299,864	945,223	9,676,265	2,753,665	21,156,733	KANSAS
3,041,628	1,220,150	407,383	4,669,161	2,708,240	11,308,206	KENT STATE
4,678,092	2,811,753	921,196	8,411,041	2,305,144	20,920,715	KENTUCKY
3,199,027	4,969,295	456,103	8,624,425	466,958	18,371,110	LAVAL
2,987,963	1,935,495	573,510	5,496,968	1,357,701	14,526,765	LOUISIANA STATE
3,270,113	2,508,836	550,747	6,329,696	3,784,694	16,560,259	LOUISVILLE
4,836,261	5,375,431	615,631	10,827,323	4,614,383	27,836,855	MCGILL
2,193,444	4,060,827	452,353	6,706,624	1,423,133	15,213,067	MCMASTER
4,468,768	4,983,119	577,101	10,028,988	1,548,749	18,892,732	MANITOBA
7,965,771	3,761,661	771,906	12,499,338	2,018,440	24,069,990	MARYLAND
3,794,358	3,064,755	596,140	7,455,253	1,827,686	15,197,898	MASSACHUSETTS
7,750,031	3,787,054	361,365	11,898,450	3,088,620	23,421,666	MIT
5,342,778	3,270,122	522,261	9,135,161	2,860,631	25,941,411	MIAMI
12,150,966	10,956,544	1,731,434	24,838,944	4,811,432	50,591,407	MICHIGAN
4,702,346	5,004,754	1,401,239	11,108,339	2,581,342	24,458,354	MICHIGAN STATE
7,328,185	8,893,944	1,588,836	17,810,965	6,102,465	39,927,096	MINNESOTA
3,005,996	2,724,325	472,945	6,203,266	1,982,492	16,698,370	MISSOURI
6,524,689	9,190,641	150,853	15,866,183	1,620,121	28,153,803	MONTREAL
3,262,520	2,896,347	707,009	6,865,876	1,372,273	14,632,237	NEBRASKA
4,641,663	6,287,028	510,215	11,438,906	4,057,045	22,653,088	NEW MEXICO
9,120,527	9,079,572	1,537,749	19,737,848	5,961,383	42,669,230	NEW YORK
9,974,624	6,444,851	978,413	17,397,888	3,238,368	35,425,976	NORTH CAROLINA
6,511,162	3,038,953	659,987	10,210,102	7,769,555	27,262,569	NORTH CAROLINA STATE
6,851,891	4,529,603	634,158	12,015,652	2,365,352	27,457,411	NORTHWESTERN
4,800,541	4,881,192	467,891	10,149,624	2,516,935	23,257,537	NOTRE DAME
3,027,405	2,144,935	656,222	5,828,562	1,141,651	12,349,302	OHIO
8,204,846	5,580,715	2,596,819	16,382,380	4,335,933	32,480,575	OHIO STATE
2,980,557	2,365,923	923,917	6,270,397	1,428,066	20,844,144	OKLAHOMA
4,431,741	2,613,307	594,180	7,639,228	1,757,571	16,147,363	OKLAHOMA STATE
3,572,371	2,585,207	1,031,706	7,189,284	1,526,216	14,988,631	OREGON
7,650,003	6,865,547	1,422,438	15,937,988	4,607,443	35,258,073	PENNSYLVANIA
9,708,146	13,790,638	801,629	24,300,413	7,197,319	50,251,356	PENNSYLVANIA STATE
6,451,993	4,729,521	806,516	11,988,030	3,244,787	29,890,593	PITTSBURGH
9,318,475	7,786,525	936,573	18,041,573	4,791,320	41,813,758	PRINCETON
5,315,322	4,344,324	858,055	10,517,701	4,183,789	24,904,422	PURDUE
2,507,183	3,986,243	245,093	6,738,519	1,559,479	16,884,844	QUEENS
3,556,073	1,532,301	151,964	5,240,338	1,264,492	16,450,416	RICE
5,847,111	2,135,276	507,718	8,490,105	3,043,748	18,820,047	ROCHESTER

## EXPENDITURES

INSTITUTION	Notes	Monographs	Current Serials	Other Library Materials	Miscellaneous Materials	Total Library Materials	Contract Binding
		(Survey Question Number)	(15a)	(15b)	(15c)	(15d)	(15)
RUTGERS	BGL+	1,448,843	7,246,081	1,026,047	348,342	10,069,313	102,955
SASKATCHEWAN	LM+	2,754,796	10,634,265	UA/NA	181,447	13,570,510	67,777
SOUTH CAROLINA	LM+	1,258,268	5,841,296	234,156	69,739	7,403,459	175,797
SOUTHERN CALIFORNIA	BGLM+	2,787,836	5,960,394	183,622	196,295	9,128,147	159,284
SOUTHERN ILLINOIS	bLM+	721,286	5,978,520	167,920	254,243	7,121,969	122,154
SUNY-ALBANY	G+	819,096	4,041,387	29,785	244,308	5,134,576	59,995
SUNY-BUFFALO	GLM+	1,000,850	6,930,287	189,914	158,936	8,279,987	59,202
SUNY-STONY BROOK	M+	655,405	5,399,616	142,047	472,012	6,669,080	23,858
SYRACUSE	GL+	1,089,789	4,834,979	463,108	70,000	6,457,876	60,398
TEMPLE	BbGLM+	2,455,687	5,077,877	3,719,143	6,731	11,259,438	117,409
TENNESSEE	BbGLM+	2,118,762	9,122,294	454,716	373,449	12,069,221	141,056
TEXAS	GL+	5,909,468	8,663,789	3,272,837	930	17,847,024	175,860
TEXAS A&M	BG+	4,988,224	10,122,787	390,953	4,393	15,506,357	140,064
TEXAS TECH	BLM+	1,974,817	7,348,502	186,911	691,318	10,201,548	128,077
TORONTO	BL+	7,745,267	10,693,042	4,017,294	UA/NA	22,455,604	337,023
TULANE	BLM+	1,457,940	5,877,658	591,745	116,800	8,044,143	46,219
UTAH	LM+	1,768,644	5,594,510	59,125	119,441	7,541,720	134,214
VANDERBILT	GLM+	1,794,514	9,117,340	205,134	39,800	11,156,788	120,442
VIRGINIA	GLM+	2,097,078	7,277,605	1,283,550	133,390	10,791,623	135,939
VIRGINIA TECH	G+	1,597,511	5,537,692	.	457,108	7,592,311	41,785
WASHINGTON	GLM+	4,454,883	11,353,616	195,718	157,727	16,161,944	240,870
WASHINGTON STATE	BG+	1,060,469	5,277,415	38,440	85,922	6,462,246	49,489
WASHINGTON U-ST. LOUIS	GLM+	1,245,570	8,505,527	1,267,944	948	11,019,989	104,749
WATERLOO	G+	1,009,391	3,967,937	575,874	374,380	5,927,582	52,725
WAYNE STATE	G+	1,138,986	6,516,900	0	688,232	8,344,118	55,681
WESTERN ONTARIO	GL+	1,996,420	8,285,448	UA/NA	0	10,281,868	103,943
WISCONSIN	GLM+	2,348,078	6,360,140	2,133,006	401,343	11,242,567	206,623
YALE	GLM+	11,120,178	6,473,495	16,348,796	0	33,942,469	485,892
YORK	BG+	1,882,723	6,654,667	158,144	82,889	8,778,423	138,583
BOSTON PUBLIC	G	4,489,805	910,335	1,042,077	55,834	6,498,051	19,158
CISTI	G+	508,455	9,503,237	349,711	81,412	10,442,816	UA/NA
CENTER FOR RESEARCH LIBS	G+	95,649	283,518	681,579	11,403	1,072,149	UA/NA
LIBRARY OF CONGRESS	bG+	5,480,910	3,760,102	6,839,289	1,317,813	17,398,114	1,205,946
NATL AGRICULTURAL LIB	G+	334,605	3,314,262	911,467	0	4,560,334	0
LIB & ARCHIVES CANADA	G+	585,587	408,710	311,848	102,789	1,408,933	UA/NA
NATL LIB OF MEDICINE	+	1,143,405	7,199,043	166,712	0	8,509,160	170,261
NEW YORK PUBLIC	bG+	5,856,985	5,064,872	3,183,036	UA/NA	14,104,893	605,709
NEW YORK STATE	+	1,294,066	2,658,734	UA/NA	0	3,952,799	32,331
SMITHSONIAN	b+	388,263	983,283	0	0	1,371,546	25,000

+- See Footnotes

L - Includes Law library

M- Includes Medical library

G - Government documents not included in serials count

B - Includes branch campuses

b - Basis of volume count is bibliographic

U/A - Unavailable

N/A - Not Applicable

. - no data supplied

## EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Salaries & Wages Total	Other Operating Expenditures	Total Library Expenditures	(20) (Survey Question Number)
(17a)	(17b)	(17c)	(17)	(19)	(20)	INSTITUTION
INSTITUTION						
7,059,838	10,311,982	1,108,177	18,479,997	2,001,428	30,653,693	RUTGERS
3,745,560	3,574,467	381,098	7,701,125	788,499	22,127,910	SASKATCHEWAN
4,034,378	3,244,113	585,954	7,864,445	5,499,703	20,943,404	SOUTH CAROLINA
8,257,751	5,635,473	2,119,164	16,012,388	9,581,611	34,881,430	SOUTHERN CALIFORNIA
2,794,008	2,753,679	940,961	6,488,648	831,320	14,564,091	SOUTHERN ILLINOIS
3,705,260	2,188,428	504,454	6,398,142	418,115	12,010,828	SUNY-ALBANY
7,676,168	1,388,882	1,118,024	10,183,074	1,532,638	20,054,901	SUNY-BUFFALO
5,060,687	839,968	474,445	6,375,100	634,237	13,702,275	SUNY-STONY BROOK
4,234,330	4,312,625	402,760	8,949,715	1,381,942	16,849,931	SYRACUSE
4,466,122	2,502,536	618,133	7,586,791	2,316,996	21,280,634	TEMPLE
5,042,671	3,689,278	698,055	9,430,004	1,169,946	22,810,227	TENNESSEE
8,773,908	10,571,420	1,540,504	20,885,832	6,135,379	45,044,095	TEXAS
7,313,196	3,434,879	920,685	11,668,760	5,281,464	32,596,645	TEXAS A&M
4,317,906	3,095,957	1,070,993	8,484,856	3,820,965	22,635,446	TEXAS TECH
14,457,539	13,998,575	3,425,198	31,881,312	5,670,468	60,344,407	TORONTO
2,686,651	2,047,168	218,092	4,951,911	932,599	13,974,872	TULANE
4,073,240	5,789,310	1,533,658	11,396,208	5,569,790	24,641,932	UTAH
6,075,995	3,346,172	495,482	9,917,649	3,478,211	24,673,090	VANDERBILT
7,378,043	9,770,788	1,138,979	18,287,810	5,229,109	34,444,481	VIRGINIA
2,144,583	2,581,953	424,098	5,150,634	931,026	13,715,756	VIRGINIA TECH
11,076,296	7,544,615	2,141,349	20,762,260	4,418,662	41,583,736	WASHINGTON
2,915,275	3,032,426	597,597	6,545,298	1,606,793	14,663,826	WASHINGTON STATE
5,689,772	3,377,235	737,491	9,804,498	6,494,777	27,424,013	WASHINGTON U.-ST. LOUIS
2,336,453	3,261,849	694,154	6,292,457	1,477,403	13,750,166	WATERLOO
4,924,686	2,911,733	1,396,419	9,232,838	1,967,062	19,599,699	WAYNE STATE
3,763,959	3,440,328	288,122	7,492,409	895,233	18,773,453	WESTERN ONTARIO
13,665,209	6,108,094	2,793,582	22,566,885	7,520,477	41,536,552	WISCONSIN
18,962,676	13,124,955	1,037,218	33,124,849	9,850,702	77,403,912	YALE
4,602,868	4,300,692	1,059,602	9,963,163	1,678,855	20,559,023	YORK
11,268,131	11,477,390	557,365	23,302,886	12,310,080	42,130,175	BOSTON PUBLIC
UA/NA	UA/NA	UA/NA	18,201,007	15,564,426	44,208,249	CISTI
1,452,407	517,690	228,963	2,199,060	969,223	4,240,432	CENTER FOR RESEARCH LIBS
310,868,000	UA/NA	UA/NA	310,868,000	296,963,939	626,435,999	LIBRARY OF CONGRESS
12,275,687	3,112,791	44,978	15,433,456	8,910,310	28,904,100	NATL AGRICULTURAL LIB
45,469,195	17,403,942	6,012,885	68,886,021	UA/NA	70,294,955	LIB & ARCHIVES CANADA
16,648,448	3,211,831	458,990	20,319,269	30,152,310	59,151,000	NATL LIB OF MEDICINE
28,926,208	UA/NA	1,607,957	30,534,165	10,364,758	55,609,525	NEW YORK PUBLIC
UA/NA	UA/NA	UA/NA	6,875,896	927,245	11,788,271	NEW YORK STATE
4,443,761	2,190,139	0	6,633,900	1,178,324	9,208,770	SMITHSONIAN

## SUMMARY DATA: EXPENDITURES

	Monographs (Survey Question Number)	Current Serials (15a)	Other Library Materials (15b)	Miscellaneous Materials (15c)	Total Library Materials (15d)	Contract Binding (16)
<b>UNIVERSITY LIBRARIES</b>						
Mean		2,639,107	7,025,618	886,433	325,321	10,794,656
Median		2,027,895	6,543,407	367,637	225,290	9,594,560
High		11,120,178	13,564,480	16,348,796	1,845,314	33,942,469
Low		211,419	3,123,358	0	0	3,543,513
Totals		295,579,980	786,869,271	94,848,287	35,785,333	1,219,796,179
Number of Libraries Reporting		112	112	107	110	113
<b>NONUNIVERSITY LIBRARIES</b>						
Median		864,496	2,986,498	681,579	11,403	5,529,193
Totals		20,177,730	34,086,095	13,485,719	1,569,251	69,318,795
Number of Libraries Reporting		10	10	9	9	10
<b>GRAND TOTALS</b>						
		315,757,710	820,955,367	108,334,005	37,354,584	1,289,114,974
						21,561,640

## SUMMARY DATA: EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Salaries & Wages Total	Other Operating Expenditures	Total Library Expenditures	
(17a)	(17b)	(17c)	(17)	(19)	(20)	(Survey Question Number)
<b>UNIVERSITY LIBRARIES</b>						
6,195,496	4,882,221	914,051	11,980,677	3,271,122	26,219,358	Mean
4,965,677	3,940,906	692,460	9,676,265	2,620,243	22,635,446	Median
38,968,403	20,409,253	3,425,198	61,015,190	19,111,716	110,849,458	High
2,144,583	839,968	121,364	4,535,114	418,115	9,916,198	Low
693,895,583	546,808,791	102,373,675	1,353,816,491	369,636,830	2,962,787,475	Totals
112	112	112	113	113	113	Number of Libraries Reporting
<b>NONUNIVERSITY LIBRARIES</b>						
14,462,068	3,162,311	458,990	19,260,138	10,364,758	43,169,212	Median
431,351,837	37,913,783	8,911,138	503,253,660	377,340,615	951,971,475	Totals
8	6	7	10	9	10	Number of Libraries Reporting
1,125,247,420	584,722,574	111,284,813	1,857,070,151	746,977,445	3,914,758,950	<b>GRAND TOTALS</b>

## ELECTRONIC RESOURCES EXPENDITURES

INSTITUTION	Notes	One-time Electronic Resource Purchases (SurveyQuestionNumber)	Ongoing Electronic Resource Purchases (21)	Total Electronic Resource Purchases (21 + 22)	Total Library Materials Expenditures (15)	Electronic Resources as a % of Library Materials Budget
ALABAMA	bGLM+	96,458	3,390,855	3,487,313	7,032,660	49.59
ALBERTA	G+	1,526,318	6,740,241	8,266,559	16,330,216	50.62
ARIZONA	bGLM+	522,992	6,069,112	6,592,104	12,573,693	52.43
ARIZONA STATE	BGL+	845,750	5,422,609	6,268,359	12,192,366	51.41
AUBURN	G+	91,778	3,476,257	3,568,035	5,543,546	64.36
BOSTON	LM+	130,308	2,141,200	2,271,508	8,087,754	28.09
BOSTON COLLEGE	bL+	324,767	2,946,434	3,271,201	8,483,648	38.56
BRIGHAM YOUNG	GL+	UA/NA	2,678,255	2,678,255	9,594,560	27.91
BRITISH COLUMBIA	G+	116,900	6,910,678	7,027,578	14,967,690	46.95
BROWN	bG+	83,532	3,416,361	3,499,893	8,219,812	42.58
CALIFORNIA, BERKELEY	GL+	495,755	4,760,041	5,255,796	19,715,862	26.66
CALIFORNIA, DAVIS	GLM+	835,659	2,986,823	3,822,482	8,791,741	43.48
CALIFORNIA, IRVINE	bGM+	262,277	4,239,280	4,501,557	8,630,487	52.16
CALIFORNIA, LOS ANGELES	GLM+	414,148	3,938,373	4,352,521	14,893,015	29.23
CALIFORNIA, RIVERSIDE	G+	2,628	2,079,953	2,082,581	6,176,930	33.72
CALIFORNIA, SAN DIEGO	bGM+	154,363	4,391,705	4,546,068	8,501,529	53.47
CALIFORNIA, SANTA BARBARA		0	2,637,746	2,637,746	5,423,851	48.63
CASE WESTERN RESERVE	bGLM+	116,116	3,093,329	3,209,445	6,332,322	50.68
CHICAGO	bGLM+	747,862	4,664,735	5,412,597	16,130,090	33.56
CINCINNATI	GLM+	279,778	4,898,479	5,178,257	9,600,793	53.94
COLORADO	bGL+	768,900	4,842,632	5,611,532	9,633,354	58.25
COLORADO STATE	G+	198,280	3,531,548	3,729,828	6,279,281	59.40
COLUMBIA	GLM+	1,586,986	8,137,564	9,724,550	22,247,648	43.71
CONNECTICUT	BGLM+	326,951	4,845,551	5,172,502	8,917,973	58.00
CORNELL	BGL+	222,333	5,858,202	6,080,535	15,012,671	40.50
DARTMOUTH	GM+	164,754	4,653,532	4,818,286	8,399,585	57.36
DELAWARE	+	530,874	4,420,585	4,951,459	8,380,119	59.09
DUKE	bLM+	2,430,253	4,328,015	6,758,268	16,736,707	40.38
EMORY	BGLM+	270,294	3,724,726	3,995,020	15,885,660	25.15
FLORIDA	BbLM+	318,885	4,621,286	4,940,171	11,844,826	41.71
FLORIDA STATE	BbGLM+	382,701	4,244,829	4,627,530	6,840,347	67.65
GEORGE WASHINGTON	GLM+	382,926	3,277,857	3,660,783	10,130,875	36.13
GEORGETOWN	bGLM+	328,271	3,651,311	3,979,582	10,811,711	36.81
GEORGIA	GL+	409,516	5,537,840	5,947,356	11,819,042	50.32
GEORGIA TECH	G+	449,368	3,471,751	3,921,119	5,913,698	66.31
GUELPH	BG+	216,560	3,128,205	3,344,765	5,408,772	61.84
HARVARD	GLM+	6,681,995	UA/NA	6,681,995	29,677,074	22.52
HAWAII	GLM+	0	3,926,834	3,926,834	7,859,038	49.97
HOUSTON	bL+	360,177	2,315,582	2,675,759	8,296,080	32.25
HOWARD	bGLM+	89,780	1,677,092	1,766,872	3,543,513	49.86
ILLINOIS, CHICAGO	M+	75,548	3,266,139	3,341,687	8,528,000	39.18
ILLINOIS, URBANA	bGL+	UA/NA	5,369,858	5,369,858	14,530,720	36.96

## ELECTRONIC RESOURCES EXPENDITURES

Bibl. Utilities, Networks, etc. Library Expenditures	Bibl. Utilities, Networks, etc. External Expenditures	Computer Hardware and Software Expenditures	Document Delivery/ Interlibrary Loan Expenditures	INSTITUTION
(23a)	(23b)	(24)	(25) (Survey Question Number)	
338,549	11,295	215,397	28,648	ALABAMA
UA/NA	UA/NA	UA/NA	UA/NA	ALBERTA
13,449	0	1,076,532	102,882	ARIZONA
606,017	0	810,934	349,548	ARIZONA STATE
171,618	150,000	523,047	83,794	AUBURN
174,837	UA/NA	237,721	45,741	BOSTON
135,080	UA/NA	161,719	32,137	BOSTON COLLEGE
545,652	UA/NA	664,633	60,679	BRIGHAM YOUNG
335,851	0	261,249	147,400	BRITISH COLUMBIA
193,378	42,500	164,008	161,352	BROWN
630,762	1,153,935	455,331	56,136	CALIFORNIA, BERKELEY
146,127	1,008,158	539,455	148,972	CALIFORNIA, DAVIS
106,900	920,692	419,391	69,590	CALIFORNIA, IRVINE
425,628	1,285,271	3,293,083	292,743	CALIFORNIA, LOS ANGELES
219,174	562,458	253,802	47,374	CALIFORNIA, RIVERSIDE
UA/NA	937,396	1,324,626	214,249	CALIFORNIA, SAN DIEGO
102,000	0	463,854	163,016	CALIFORNIA, SANTA BARBARA
94,453	138,531	239,975	29,875	CASE WESTERN RESERVE
229,791	250,000	444,272	200,287	CHICAGO
192,019	486,983	1,055,740	17,307	CINCINNATI
0	30,830	180,146	109,061	COLORADO
265,907	251,157	683,228	274,641	COLORADO STATE
502,129	0	1,086,519	86,888	COLUMBIA
132,621	1,894,322	522,445	102,398	CONNECTICUT
296,191	0	1,502,913	142,539	CORNELL
UA/NA	UA/NA	200,639	119,546	DARTMOUTH
77,729	0	333,123	51,105	DELAWARE
357,944	3,359	825,484	38,077	DUKE
212,442	220,683	470,115	77,094	EMORY
161,382	592,429	171,264	70,563	FLORIDA
194,125	600,621	265,035	79,901	FLORIDA STATE
775,955	35,663	667,463	95,908	GEORGE WASHINGTON
214,474	9,071	536,511	50,831	GEORGETOWN
155,968	0	349,566	694	GEORGIA
125,000	0	344,486	291,947	GEORGIA TECH
UA/NA	0	386,117	91,429	GUELPH
2,251,334	UA/NA	1,254,502	UA/NA	HARVARD
186,859	0	225,393	135,882	HAWAII
441,637	0	640,465	24,157	HOUSTON
44,213	0	29,574	18,400	HOWARD
41,771	UA/NA	UA/NA	UA/NA	ILLINOIS, CHICAGO
306,685	UA/NA	550,763	4,852	ILLINOIS, URBANA

## ELECTRONIC RESOURCES EXPENDITURES

INSTITUTION	Notes	One-time Electronic Resource Purchases (SurveyQuestionNumber)	Ongoing Electronic Resource Purchases (21)	Total Electronic Resource Purchases (21 + 22)	Total Library Materials Expenditures (15)	Electronic Resources as a % of Library Materials Budget
INDIANA	+	1,139,440	4,641,449	5,780,889	13,222,486	43.72
IOWA	bLM+	447,837	5,142,645	5,590,482	13,026,345	42.92
IOWA STATE	G+	76,987	5,690,672	5,767,659	9,245,223	62.39
JOHNS HOPKINS	BGM+	46,635	7,340,944	7,387,579	14,195,523	52.04
KANSAS	BbGLM+	142,543	2,659,911	2,802,454	8,602,406	32.58
KENT STATE	BbG+	29,278	1,683,205	1,712,483	3,874,159	44.20
KENTUCKY	GLM+	563,703	3,215,958	3,779,661	10,075,915	37.51
LAVAL	G+	361,363	4,333,353	4,694,716	9,224,402	50.89
LOUISIANA STATE	GLM+	595,656	2,915,248	3,510,904	7,608,658	46.14
LOUISVILLE	BGLM+	38,619	2,639,526	2,678,145	6,332,778	42.29
MCGILL	BbG+	905,247	6,581,369	7,486,616	12,172,462	61.50
MCMASTER	GM+	669,177	4,549,417	5,218,594	7,019,014	74.35
MANITOBA	G+	809,173	2,977,085	3,786,258	7,181,952	52.72
MARYLAND		56,703	1,845,314	1,902,017	9,401,463	20.23
MASSACHUSETTS	G+	168,160	3,004,150	3,172,310	5,854,922	54.18
MIT	G+	440,286	3,816,106	4,256,392	8,228,345	51.73
MIAMI	GLM+	1,326,277	5,996,855	7,323,132	13,828,140	52.96
MICHIGAN	GLM+	352,802	5,501,967	5,854,769	20,521,937	28.53
MICHIGAN STATE	GL+	557,787	4,880,355	5,438,142	10,562,324	51.49
MINNESOTA	bGLM+	1,063,518	5,381,836	6,445,354	15,695,613	41.06
MISSOURI	L+	15,570	5,373,123	5,388,693	8,389,722	64.23
MONTREAL	GLM+	139,316	5,089,434	5,228,750	10,533,596	49.64
NEBRASKA	GL+	231,682	1,968,970	2,200,652	6,226,322	35.34
NEW MEXICO	GLM+	1,245,810	2,682,466	3,928,276	7,081,803	55.47
NEW YORK	bGLM+	945,142	6,958,427	7,903,569	16,402,378	48.19
NORTH CAROLINA	GLM+	631,096	2,993,059	3,624,155	14,551,148	24.91
NORTH CAROLINA STATE	G+	404,779	3,175,600	3,580,379	9,090,707	39.39
NORTHWESTERN	BGLM+	1,084,498	5,340,326	6,424,824	12,911,252	49.76
NOTRE DAME	bGL+	654,447	4,584,048	5,238,495	10,496,179	49.91
OHIO	BbG+	186,790	2,480,887	2,667,677	5,333,771	50.01
OHIO STATE	bGLM+	549,381	4,561,792	5,111,173	11,448,889	44.64
OKLAHOMA	GLM+	1,728,630	2,108,158	3,836,788	12,966,567	29.59
OKLAHOMA STATE	BGM+	UA/NA	UA/NA	0	6,713,308	UA/NA
OREGON	bGL+	120,466	2,298,297	2,418,763	6,159,104	39.27
PENNSYLVANIA	GLM+	UA/NA	5,558,118	5,558,118	14,426,982	38.53
PENNSYLVANIA STATE	BGLM+	535,830	8,912,242	9,448,072	18,306,551	51.61
PITTSBURGH	BGLM+	627,951	8,201,136	8,829,087	14,438,533	61.15
PRINCETON	b+	3,563,271	3,158,131	6,721,402	18,428,119	36.47
PURDUE	G+	0	6,516,459	6,516,459	10,073,561	64.69
QUEENS	LM+	UA/NA	5,095,166	5,095,166	8,507,864	59.89
RICE	G+	687,036	3,168,833	3,855,869	9,889,566	38.99
ROCHESTER	bM+	43,304	3,035,711	3,079,015	7,165,032	42.97

## ELECTRONIC RESOURCES EXPENDITURES

Bibl. Utilities, Networks, etc. Library Expenditures	Bibl. Utilities, Networks, etc. External Expenditures	Computer Hardware and Software Expenditures	Document Delivery/ Interlibrary Loan Expenditures	INSTITUTION
(23a)	(23b)	(24)	(25) (Survey Question Number)	
206,695	229,540	355,373	273,129	INDIANA
196,036	0	701,482	295,686	IOWA
89,443	0	598,266	151,431	IOWA STATE
245,143	8,615	404,923	156,948	JOHNS HOPKINS
375,000	7,400	684,102	224,548	KANSAS
102,878	553,062	359,012	10,112	KENT STATE
5,000	17,296	751,432	126,951	KENTUCKY
UA/NA	UA/NA	UA/NA	87,184	LAVAL
336,010	137,992	156,666	74,463	LOUISIANA STATE
111,136	0	253,643	24,081	LOUISVILLE
203,894	0	1,446,630	179,822	MCGILL
185,680	0	595,714	98,360	MCMASTER
UA/NA	UA/NA	241,135	155,436	MANITOBA
68,868	.	364,695	299,117	MARYLAND
91,493	75,000	257,315	83,077	MASSACHUSETTS
97,433	0	462,236	100,388	MIT
226,887	0	675,527	190,896	MIAMI
UA/NA	116,806	1,641,363	202,147	MICHIGAN
305,511	UA/NA	591,530	246,099	MICHIGAN STATE
234,653	245,061	1,886,958	170,432	MINNESOTA
131,424	0	185,884	50,731	MISSOURI
166,546	0	554,206	174,459	MONTREAL
141,082	455,670	314,426	68,819	NEBRASKA
663,030	UA/NA	427,644	52,955	NEW MEXICO
UA/NA	UA/NA	1,095,429	209,835	NEW YORK
277,207	UA/NA	381,761	176,273	NORTH CAROLINA
177,975	0	696,821	164,843	NORTH CAROLINA STATE
181,303	UA/NA	565,303	110,853	NORTHWESTERN
251,841	181,997	545,893	73,859	NOTRE DAME
70,659	481,258	397,598	10,323	OHIO
129,766	1,142,832	889,220	132,513	OHIO STATE
288,017	57,787	377,060	98,783	OKLAHOMA
UA/NA	UA/NA	UA/NA	92,982	OKLAHOMA STATE
213,941	35,995	670,148	142,934	OREGON
624,824	UA/NA	587,873	213,815	PENNSYLVANIA
339,963	UA/NA	2,244,744	127,556	PENNSYLVANIA STATE
UA/NA	356,262	1,011,892	102,780	PITTSBURGH
558,281	UA/NA	1,654,384	191,506	PRINCETON
161,138	241,747	778,404	213,189	PURDUE
125,282	313,694	361,890	30,122	QUEENS
153,401	.	351,254	37,351	RICE
163,941	0	686,399	100,455	ROCHESTER

## ELECTRONIC RESOURCES EXPENDITURES

INSTITUTION	Notes	One-time Electronic Resource Purchases (SurveyQuestionNumber)	Ongoing Electronic Resource Purchases (21)	Total Electronic Resource Purchases (21 + 22)	Total Library Materials Expenditures (15)	Electronic Resources as a % of Library Materials Budget
RUTGERS	BGL+	32,534	3,689,172	3,721,706	10,069,313	36.96
SASKATCHEWAN	LM+	4,348	6,365,302	6,369,649	13,570,510	46.94
SOUTH CAROLINA	LM+	159,197	3,919,619	4,078,816	7,403,459	55.09
SOUTHERN CALIFORNIA	BGLM+	695,802	6,043,526	6,739,328	9,128,147	73.83
SOUTHERN ILLINOIS	bLM+	52,822	3,264,207	3,317,029	7,121,969	46.57
SUNY-ALBANY	G+	13,109	1,643,116	1,656,225	5,134,576	32.26
SUNY-BUFFALO	GLM+	77,172	5,036,658	5,113,830	8,279,987	61.76
SUNY-STONY BROOK	M+	32,239	3,406,669	3,438,908	6,669,080	51.56
SYRACUSE	GL+	252,271	3,098,191	3,350,462	6,457,876	51.88
TEMPLE	BbGLM+	1,181,835	5,360,838	6,542,673	11,259,438	58.11
TENNESSEE	BbGLM+	933,271	4,240,530	5,173,801	12,069,221	42.87
TEXAS	GL+	2,815,663	6,161,298	8,976,961	17,847,024	50.30
TEXAS A&M	BG+	1,350,760	6,935,581	8,286,341	15,506,357	53.44
TEXAS TECH	BLM+	8,477	3,123,060	3,131,537	10,201,548	30.70
TORONTO	BL+	295,402	3,165,415	3,460,817	22,455,604	15.41
TULANE	BLM+	146,751	2,998,035	3,144,786	8,044,143	39.09
UTAH	LM+	UA/NA	1,337,771	1,337,771	7,541,720	17.74
VANDERBILT	GLM+	489,122	6,465,846	6,954,968	11,156,788	62.34
VIRGINIA	GLM+	315,253	4,161,449	4,476,702	10,791,623	41.48
VIRGINIA TECH	G+	239,164	4,485,458	4,724,622	7,592,311	62.23
WASHINGTON	GLM+	889,130	5,929,646	6,818,776	16,161,944	42.19
WASHINGTON STATE	BG+	97,864	3,519,256	3,617,120	6,462,246	55.97
WASHINGTON U-ST. LOUIS	GLM+	160,874	4,858,989	5,019,863	11,019,989	45.55
WATERLOO	G+	575,874	2,905,444	3,481,318	5,927,582	58.73
WAYNE STATE	G+	446,912	6,039,829	6,486,741	8,344,118	77.74
WESTERN ONTARIO	GL+	59,362	6,126,648	6,186,010	10,281,868	60.16
WISCONSIN	GLM+	502,784	4,591,801	5,094,585	11,242,567	45.32
YALE	GLM+	712,400	6,278,800	6,991,200	33,942,469	20.60
YORK	BG+	839,334	3,301,780	4,141,115	8,778,423	47.17
BOSTON PUBLIC	G	70,000	425,000	495,000	6,498,051	7.62
CISTI	G+	349,711	1,491,631	1,841,342	10,442,816	17.63
CENTER FOR RESEARCH LIBS	G+	3,183	UA/NA	3,183	1,072,149	0.30
LIBRARY OF CONGRESS	bG+	747,008	1,960,286	2,707,294	17,398,114	15.56
NATL AGRICULTURAL LIB	G+	398,896	2,946,089	3,344,985	4,560,334	73.35
LIB & ARCHIVES CANADA	G+	UA/NA	29,673	29,673	1,408,933	2.11
NATL LIB OF MEDICINE	+	4,566	193,275	197,841	8,509,160	2.33
NEW YORK PUBLIC	bG+	UA/NA	2,025,978	2,025,978	14,104,893	14.36
NEW YORK STATE	+	0	474,000	474,000	3,952,799	11.99
SMITHSONIAN	b+	139,505	328,764	468,269	1,371,546	34.14

+ - See Footnotes

L - Includes Law library

M- Includes Medical library

G - Government documents not included in serials count

B - Includes branch campuses

b - Basis of volume count is bibliographic

U / A - Unavailable

N / A - Not Applicable

. - no data supplied

## ELECTRONIC RESOURCES EXPENDITURES

Bibl. Utilities, Networks, etc. Library Expenditures	Bibl. Utilities, Networks, etc. External Expenditures	Computer Hardware and Software Expenditures	Document Delivery/ Interlibrary Loan Expenditures	
(23a)	(23b)	(24)	(25) (Survey Question Number)	INSTITUTION
146,504	UA/NA	284,934	51,793	RUTGERS
71,320	UA/NA	432,444	90,557	SASKATCHEWAN
172,671	0	552,852	101,872	SOUTH CAROLINA
1,244,750	4,117	1,865,816	101,542	SOUTHERN CALIFORNIA
173,127	63,180	135,108	123,352	SOUTHERN ILLINOIS
0	65,248	210,765	93,087	SUNY-ALBANY
UA/NA	UA/NA	220,917	UA/NA	SUNY-BUFFALO
241,554	UA/NA	357,135	35,219	SUNY-STONY BROOK
UA/NA	UA/NA	5,792	6,995	SYRACUSE
311,133	9,000	793,971	38,779	TEMPLE
43,375	20,029	386,756	161,124	TENNESSEE
164,490	0	1,681,507	261,663	TEXAS
62,064	399,430	1,117,836	313,153	TEXAS A&M
211,982	54,750	1,976,131	101,191	TEXAS TECH
1,696,943	UA/NA	2,869,853	45,128	TORONTO
173,523	87,328	254,270	17,074	TULANE
254,087	1,568,507	1,586,474	76,896	UTAH
229,542	UA/NA	716,130	135,040	VANDERBILT
188,576	762,983	1,356,377	182,344	VIRGINIA
97,922	0	171,887	248,370	VIRGINIA TECH
266,506	134,594	381,697	0	WASHINGTON
134,465	115,454	320,968	61,127	WASHINGTON STATE
250,978	1,491	921,146	17,472	WASHINGTON U-ST. LOUIS
19,346	0	687,799	34,176	WATERLOO
95,389	0	560,983	88,922	WAYNE STATE
132,474	0	247,592	0	WESTERN ONTARIO
491,868	402,318	2,530,582	466,917	WISCONSIN
370,878	0	1,227,955	130,204	YALE
219,172	UA/NA	277,320	20,725	YORK
UA/NA	UA/NA	57,000	UA/NA	BOSTON PUBLIC
UA/NA	UA/NA	3,085,854	UA/NA	CISTI
192,340	UA/NA	147,501	162,805	CENTER FOR RESEARCH LIBS
682,847	0	17,123,978	0	LIBRARY OF CONGRESS
31,922	0	395,629	784,825	NATL AGRICULTURAL LIB
UA/NA	UA/NA	27,314	875,169	LIB & ARCHIVES CANADA
				NATL LIB OF MEDICINE
577,207	UA/NA	913,105	UA/NA	NEW YORK PUBLIC
UA/NA	89,500	268,276	UA/NA	NEW YORK STATE
170,347	0	0	2,756	SMITHSONIAN

## SUMMARY DATA: ELECTRONIC RESOURCES EXPENDITURES

(Survey Question Number)	One-time Electronic Resource Purchases	Ongoing Electronic Resource Purchases	Total Electronic Resource Purchases	Total Library Materials Expenditures	Electronic Resources as a % of Library Materials Budget
	(21)	(22)	(21 + 22)	(15)	
<b>UNIVERSITY LIBRARIES</b>					
Mean	558,959	4,290,316	4,786,016	10,794,656	46.55
Median	352,802	4,240,530	4,661,123	9,594,560	47.68
High	6,681,995	8,912,242	9,724,550	33,942,469	77.74
Low	0	1,337,771	1,337,771	3,543,513	15.41
Totals	59,808,658	476,225,086	536,033,744	1,219,796,179	
Number of Libraries Reporting	107	111	112	113	112
<b>NONUNIVERSITY LIBRARIES</b>					
Median	104,753	474,000	484,500	5,529,193	13.18
Totals	1,712,869	9,874,696	11,587,566	69,318,795	
Number of Libraries Reporting	8	9	10	10	10
<b>GRAND TOTALS</b>					
	61,521,527	486,099,783	547,621,310	1,289,114,974	

## SUMMARY DATA: ELECTRONIC RESOURCES EXPENDITURES

Bibl. Utilities, Networks, etc. Library Expenditures	Bibl. Utilities, Networks, etc. External Expenditures	Computer Hardware and Software Expenditures	Document Delivery / Interlibrary Loan Expenditures	(25) (Survey Question Number)
(23a)	(23b)	(24)	(25)	

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				UNIVERSITY LIBRARIES
265,066	225,379	689,631	117,886	Mean
188,576	33,247	523,047	100,388	Median
2,251,334	1,894,322	3,293,083	466,917	High
0	0	5,792	0	Low
26,771,671	18,931,797	75,169,750	12,849,607	Totals
101	84	109	109	Number of Libraries Reporting
				NONUNIVERSITY LIBRARIES
192,340	0	268,276	162,805	Median
1,654,663	89,500	22,018,657	1,825,555	Totals
5	4	9	5	Number of Libraries Reporting
28,426,334	19,021,297	97,188,407	14,675,162	GRAND TOTALS

## PERSONNEL AND PUBLIC SERVICES

		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Staffed Service Points	Library Service Hours
	(Survey Question Number)	(26a)	(26b)	(26c)	(26)	(27)	(28)
<b>INSTITUTION</b>	<b>Notes</b>						
ALABAMA	bGLM+	71	80	56	207	23	110
ALBERTA	G+	85	213	35	333	21	103
ARIZONA	bGLM+	105	158	69	332	21	168
ARIZONA STATE	BGL+	93	199	46	338	21	149
AUBURN	G+	47	51	30	128	11	146
BOSTON	LM+	100	100	89	289	33	108
BOSTON COLLEGE	bL+	75	77	48	200	14	110
BRIGHAM YOUNG	GL+	120	59	210	389	20	105
BRITISH COLUMBIA	G+	114	183	36	333	33	101
BROWN	bG+	75	100	33	208	8	112
CALIFORNIA, BERKELEY	GL+	247	198	139	584	49	77
CALIFORNIA, DAVIS	GLM+	59	144	70	273	17	95
CALIFORNIA, IRVINE	bGM+	74	129	50	253	14	128
CALIFORNIA, LOS ANGELES	GLM+	169	290	147	606	30	97
CALIFORNIA, RIVERSIDE	G+	41	114	34	189	15	91
CALIFORNIA, SAN DIEGO	bGM+	100	186	71	357	18	111
CALIFORNIA, SANTA BARBARA		47	140	43	230	10	108
CASE WESTERN RESERVE	bGLM+	63	44	30	137	18	104
CHICAGO	bGLM+	67	192	61	320	30	144
CINCINNATI	GLM+	97	57	51	205	23	103
COLORADO	bGL+	54	109	45	208	19	104
COLORADO STATE	G+	48	59	27	134	6	108
COLUMBIA	GLM+	328	244	144	716	50	107
CONNECTICUT	BGLM+	90	76	46	212	22	114
CORNELL	BGL+	117	313	118	548	53	144
DARTMOUTH	GM+	61	117	28	206	19	123
DELAWARE	+	60	109	37	206	16	100
DUKE	bLM+	180	153	38	371	19	149
EMORY	BGLM+	102	156	49	307	29	120
FLORIDA	BbLM+	102	193	131	426	24	107
FLORIDA STATE	BbGLM+	68	125	96	289	21	119
GEORGE WASHINGTON	GLM+	74	130	75	279	23	113
GEORGETOWN	bGLM+	91	111	45	247	20	107
GEORGIA	GL+	79	183	41	303	22	137
GEORGIA TECH	G+	49	71	7	127	8	135
GUELPH	BG+	45	73	28	146	13	133
HARVARD	GLM+	569	580	128	1,277	UA/NA	UA/NA
HAWAII	GLM+	90	97	68	255	13	135
HOUSTON	bL+	60	91	49	200	9	108
HOWARD	bGLM+	51	66	49	166	17	115
ILLINOIS, CHICAGO	M+	73	114	26	213	27	102
ILLINOIS, URBANA	bGL+	205	204	124	533	48	111

## PERSONNEL AND PUBLIC SERVICES

Library Presentations to Groups	Participants in Group Presentations	Reference Transactions	Initial Circulation Transactions	Total Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	INSTITUTION
(29)	(30)	(31)	(32)	(33)	(34)	(35) (Survey Question Number)	
675	12,195	78,180	211,402	254,888	11,332	13,715	ALABAMA
829	18,854	100,226	UA/NA	584,384	67,631	33,470	ALBERTA
2,306	39,141	42,457	350,389	516,918	51,244	31,724	ARIZONA
1,255	28,328	95,520	313,772	932,684	49,386	37,784	ARIZONA STATE
506	10,920	132,034	175,419	237,175	13,672	8,557	AUBURN
1,038	15,907	64,709	197,895	255,349	19,083	28,548	BOSTON
838	18,457	26,843	190,215	288,331	23,956	17,745	BOSTON COLLEGE
2,018	25,319	182,553	517,862	685,942	35,838	36,731	BRIGHAM YOUNG
1,506	28,795	111,733	679,497	2,971,834	28,417	23,269	BRITISH COLUMBIA
273	4,504	28,861	219,860	324,982	41,281	37,736	BROWN
1,965	33,251	133,749	720,422	839,607	40,348	21,414	CALIFORNIA, BERKELEY
535	10,598	77,124	266,938	467,159	25,276	27,715	CALIFORNIA, DAVIS
650	14,496	70,576	160,137	361,946	27,369	28,994	CALIFORNIA, IRVINE
905	18,796	183,236	644,842	2,053,527	51,384	32,441	CALIFORNIA, LOS ANGELES
600	12,104	27,981	140,934	330,720	22,247	17,432	CALIFORNIA, RIVERSIDE
1,797	19,418	65,054	417,929	676,427	32,839	28,467	CALIFORNIA, SAN DIEGO
779	11,065	68,910	243,256	383,033	23,148	35,036	CALIFORNIA, SANTA BARBARA
450	6,151	25,701	110,051	187,493	39,281	37,425	CASE WESTERN RESERVE
473	6,767	30,533	456,431	699,476	50,335	21,301	CHICAGO
1,151	24,546	116,285	256,533	385,496	56,645	45,461	CINCINNATI
744	15,309	109,452	350,315	601,623	49,368	29,487	COLORADO
426	8,831	61,576	213,022	370,893	70,437	61,250	COLORADO STATE
1,166	23,125	208,159	501,693	1,101,127	53,879	50,344	COLUMBIA
2,182	22,234	52,538	162,776	181,804	44,887	33,478	CONNECTICUT
1,622	22,424	90,898	465,267	946,664	59,522	33,960	CORNELL
UA/NA	UA/NA	UA/NA	272,946	351,495	33,074	30,340	DARTMOUTH
415	5,315	99,389	UA/NA	329,792	17,909	23,302	DELAWARE
1,377	14,145	148,173	428,673	650,818	37,021	25,535	DUKE
1,015	14,496	67,827	232,329	554,091	36,381	21,912	EMORY
779	18,686	136,219	733,083	1,128,719	43,860	24,406	FLORIDA
631	18,506	110,367	269,769	370,170	18,801	15,273	FLORIDA STATE
928	19,851	42,867	176,435	292,136	30,919	51,740	GEORGE WASHINGTON
1,070	14,509	82,745	254,741	388,020	30,763	22,201	GEORGETOWN
1,140	14,043	76,723	463,648	478,304	45,237	7,679	GEORGIA
285	5,389	7,841	96,933	96,933	10,275	12,748	GEORGIA TECH
507	8,418	20,143	381,492	666,350	47,582	63,140	GUELPH
UA/NA	UA/NA	0	UA/NA	1,999,395	43,298	16,620	HARVARD
337	5,674	75,556	288,973	472,990	5,038	22,595	HAWAII
442	8,860	48,932	129,403	211,857	29,516	20,617	HOUSTON
370	7,249	151,217	224,439	240,101	7,747	3,114	HOWARD
699	11,835	60,082	161,893	523,750	52,461	40,925	ILLINOIS, CHICAGO
1,468	25,501	229,293	509,177	795,933	99,036	85,295	ILLINOIS, URBANA

## PERSONNEL AND PUBLIC SERVICES

		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Staffed Service Points	Library Service Hours
	(Survey Question Number)	(26a)	(26b)	(26c)	(26)	(27)	(28)
INSTITUTION	Notes						
INDIANA	+	163	182	138	483	33	168
IOWA	bLM+	95	127	61	283	18	115
IOWA STATE	G+	52	90	36	178	12	105
JOHNS HOPKINS	BGM+	139	135	45	319	30	120
KANSAS	BbGLM+	103	110	68	281	10	140
KENT STATE	BbG+	56	36	190	282	13	99
KENTUCKY	GLM+	93	124	60	277	22	140
LAVAL	G+	59	157	14	230	17	88
LOUISIANA STATE	GLM+	53	100	39	192	15	101
LOUISVILLE	BGLM+	54	90	46	190	12	97
MCGILL	BbG+	65	152	32	249	26	86
MCMASTER	GM+	38	97	25	160	13	120
MANITOBA	G+	64	147	23	234	32	100
MARYLAND		145	110	49	304	8	140
MASSACHUSETTS	G+	58	73	52	183	15	143
MIT	G+	99	94	17	210	11	104
MIAMI	GLM+	89	126	44	259	19	119
MICHIGAN	GLM+	162	323	100	585	57	168
MICHIGAN STATE	GL+	84	123	89	296	23	148
MINNESOTA	bGLM+	107	212	83	402	49	100
MISSOURI	L+	60	117	37	214	24	115
MONTREAL	GLM+	107	271	13	391	64	97
NEBRASKA	GL+	53	110	39	202	19	109
NEW MEXICO	GLM+	70	142	54	266	17	95
NEW YORK	bGLM+	120	232	91	443	32	119
NORTH CAROLINA	GLM+	156	205	85	446	26	144
NORTH CAROLINA STATE	G+	118	106	44	268	17	146
NORTHWESTERN	BGLM+	114	139	83	336	29	126
NOTRE DAME	bGL+	69	158	36	263	19	126
OHIO	BbG+	64	63	49	176	18	146
OHIO STATE	bGLM+	141	154	128	423	28	168
OKLAHOMA	GLM+	59	98	76	233	22	117
OKLAHOMA STATE	BGM+	64	79	70	213	11	119
OREGON	bGL+	70	85	58	213	22	106
PENNSYLVANIA	GLM+	125	167	122	414	34	116
PENNSYLVANIA STATE	BGLM+	156	388	78	622	64	168
PITTSBURGH	BGLM+	122	174	67	363	49	118
PRINCETON	b+	140	217	43	400	37	115
PURDUE	G+	73	119	56	248	21	119
QUEENS	LM+	43	106	16	165	14	115
RICE	G+	60	57	12	129	12	143
ROCHESTER	bM+	92	64	60	216	21	119

## PERSONNEL AND PUBLIC SERVICES

Library Presentations to Groups	Participants in Group Presentations	Reference Transactions	Initial Circulation Transactions	Total Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	INSTITUTION
(29)	(30)	(31)	(32)	(33)	(34)	(35) (Survey Question Number)	
1,083	30,666	152,305	685,770	765,565	56,327	63,443	INDIANA
834	19,497	84,720	343,175	442,562	63,653	23,254	IOWA
359	10,142	27,963	194,840	225,788	31,218	15,829	IOWA STATE
533	7,427	61,703	270,179	446,035	38,984	31,429	JOHNS HOPKINS
1,304	25,949	101,257	393,709	545,405	54,848	43,207	KANSAS
791	11,820	21,065	255,633	379,378	16,080	8,696	KENT STATE
818	10,420	56,075	222,064	285,399	30,284	22,111	KENTUCKY
481	10,173	134,797	490,656	783,654	17,994	12,756	LAVAL
1,011	4,362	39,222	111,168	217,341	7,496	16,759	LOUISIANA STATE
836	12,557	79,992	371,082	450,099	15,635	22,392	LOUISVILLE
1,621	22,093	105,103	694,894	1,011,870	16,646	16,714	MCGILL
673	15,510	48,667	224,213	348,800	14,319	13,618	MCMASTER
1,365	11,969	84,768	317,879	524,593	23,751	23,588	MANITOBA
1,042	22,439	271,145	342,629	507,735	16,060	39,693	MARYLAND
264	4,814	47,454	196,016	327,220	41,750	47,474	MASSACHUSETTS
416	7,428	38,232	188,364	346,802	18,018	15,853	MIT
1,455	17,579	69,715	178,871	258,479	41,646	13,301	MIAMI
1,133	18,450	155,928	823,633	1,401,699	62,878	35,353	MICHIGAN
856	36,834	60,124	311,057	719,355	53,011	36,082	MICHIGAN STATE
1,557	28,096	129,297	366,981	727,054	173,771	41,713	MINNESOTA
761	10,903	44,696	219,209	284,113	56,511	34,945	MISSOURI
1,151	13,938	92,409	466,398	917,887	23,572	20,784	MONTREAL
210	5,808	42,935	201,293	324,828	30,344	22,440	NEBRASKA
1,398	19,637	47,456	196,827	300,456	20,968	28,351	NEW MEXICO
986	17,302	129,206	501,275	1,043,418	28,429	30,284	NEW YORK
1,564	29,223	126,697	610,761	972,179	54,913	14,136	NORTH CAROLINA
418	13,080	41,647	217,922	326,105	13,247	26,813	NORTH CAROLINA STATE
703	10,126	82,001	222,747	339,067	45,699	28,362	NORTHWESTERN
457	7,894	19,917	182,765	325,512	29,511	18,246	NOTRE DAME
945	15,926	55,646	317,618	497,814	79,529	51,154	OHIO
1,791	28,285	54,818	408,191	1,692,796	152,739	71,986	OHIO STATE
1,044	10,789	44,740	192,370	219,447	39,802	31,107	OKLAHOMA
1,246	32,930	123,099	301,400	403,491	35,209	17,720	OKLAHOMA STATE
556	10,094	76,046	226,527	285,716	73,797	59,316	OREGON
1,069	19,543	UA/NA	422,082	546,576	71,623	82,189	PENNSYLVANIA
3,031	56,155	177,493	620,288	1,019,314	63,285	54,930	PENNSYLVANIA STATE
1,612	23,317	170,508	352,045	534,673	61,374	23,880	PITTSBURGH
625	7,114	21,566	300,726	395,895	40,211	46,196	PRINCETON
242	11,693	44,960	164,355	406,485	27,215	28,447	PURDUE
825	16,268	41,374	236,294	500,058	18,195	11,507	QUEENS
121	1,761	UA/NA	129,828	227,564	15,383	9,372	RICE
479	8,208	50,548	202,602	238,657	27,813	22,727	ROCHESTER

## PERSONNEL AND PUBLIC SERVICES

		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Staffed Service Points	Library Service Hours
	(Survey Question Number)	(26a)	(26b)	(26c)	(26)	(27)	(28)
<b>INSTITUTION</b>	<b>Notes</b>						
RUTGERS	BGL+	103	235	77	415	35	103
SASKATCHEWAN	LM+	58	102	17	177	42	90
SOUTH CAROLINA	LM+	73	104	101	278	21	152
SOUTHERN CALIFORNIA	BGLM+	115	137	134	386	29	159
SOUTHERN ILLINOIS	bLM+	50	89	63	202	16	102
SUNY-ALBANY	G+	63	66	34	163	10	108
SUNY-BUFFALO	GLM+	115	73	69	257	15	168
SUNY-STONY BROOK	M+	92	26	37	155	10	109
SYRACUSE	GL+	67	137	28	232	20	106
TEMPLE	BbGLM+	77	97	53	227	24	119
TENNESSEE	BbGLM+	87	135	51	273	21	148
TEXAS	GL+	145	308	98	551	28	122
TEXAS A&M	BG+	133	133	84	350	16	144
TEXAS TECH	BLM+	96	123	90	309	28	130
TORONTO	BL+	187	340	143	670	118	107
TULANE	BLM+	46	80	24	150	19	118
UTAH	LM+	75	193	90	358	22	127
VANDERBILT	GLM+	108	108	32	248	16	149
VIRGINIA	GLM+	94	213	64	371	32	149
VIRGINIA TECH	G+	36	90	34	160	9	102
WASHINGTON	GLM+	190	208	115	513	49	135
WASHINGTON STATE	BG+	53	84	35	172	21	100
WASHINGTON U-ST. LOUIS	GLM+	93	117	59	269	20	120
WATERLOO	G+	37	96	45	178	14	106
WAYNE STATE	G+	97	86	78	261	18	168
WESTERN ONTARIO	GL+	70	109	15	194	8	105
WISCONSIN	GLM+	221	170	252	643	48	148
YALE	GLM+	275	372	58	705	42	111
YORK	BG+	60	114	60	234	20	155
BOSTON PUBLIC	G	173	232	UA/NA	405	96	68
CISTI	G+	176	145	5	326	1	40
CENTER FOR RESEARCH LIBS	G+	29	19	13	61	2	35
LIBRARY OF CONGRESS	bG+	1,375	2,558	50	3,983	38	65
NATL AGRICULTURAL LIB	G+	129	69	1	199	13	40
LIB & ARCHIVES CANADA	G+	617	338	138	1,093	1	30
NATL LIB OF MEDICINE	+	192	68	17	277	5	48
NEW YORK PUBLIC	bG+	271	280	99	650	42	46
NEW YORK STATE	+	50	94	6	150	5	40
SMITHSONIAN	b+	55	54	0	109	31	168

+ - See Footnotes

L - Includes Law library

M- Includes Medical library

G - Government documents not included in serials count

B - Includes branch campuses

b - Basis of volume count is bibliographic

U/A - Unavailable

N/A - Not Applicable

## PERSONNEL AND PUBLIC SERVICES

Library Presentations to Groups	Participants in Group Presentations	Reference Transactions	Initial Circulation Transactions	Total Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	INSTITUTION
(29)	(30)	(31)	(32)	(33)	(34)	(35) (Survey Question Number)	
991	21,085	81,396	281,171	589,749	41,311	28,070	RUTGERS
832	12,126	31,684	283,034	391,821	18,901	19,263	SASKATCHEWAN
911	8,340	134,540	422,733	590,089	19,481	18,103	SOUTH CAROLINA
1,104	16,745	61,358	342,924	560,884	22,627	17,423	SOUTHERN CALIFORNIA
859	10,174	39,334	234,593	374,858	58,161	37,623	SOUTHERN ILLINOIS
459	6,727	79,356	90,160	90,160	13,300	18,037	SUNY-ALBANY
703	19,407	39,616	224,385	425,276	33,981	19,109	SUNY-BUFFALO
662	10,029	54,579	221,795	229,041	27,189	13,718	SUNY-STONY BROOK
564	10,192	41,345	179,084	268,564	13,548	22,283	SYRACUSE
649	12,307	56,946	190,481	278,479	22,901	19,376	TEMPLE
918	19,606	85,921	315,777	381,517	36,920	26,296	TENNESSEE
1,270	59,098	194,188	1,908,310	2,666,951	45,773	31,112	TEXAS
623	14,867	51,036	877,516	1,485,093	49,344	55,383	TEXAS A&M
947	11,298	44,961	202,484	292,273	37,827	36,008	TEXAS TECH
2,270	32,536	523,740	1,333,907	1,877,419	31,444	11,113	TORONTO
187	3,390	12,647	110,483	158,313	16,214	9,609	TULANE
1,813	46,391	241,486	214,445	531,388	39,171	29,522	UTAH
794	14,337	35,093	213,800	350,713	27,306	22,443	VANDERBILT
1,386	14,118	130,745	641,944	1,053,584	41,950	28,459	VIRGINIA
828	25,809	17,944	246,783	348,132	21,740	21,565	VIRGINIA TECH
1,439	25,868	136,454	692,807	1,608,992	75,124	58,761	WASHINGTON
812	14,027	35,976	176,786	253,118	46,738	22,319	WASHINGTON STATE
630	5,672	65,626	241,237	561,928	41,083	46,627	WASHINGTON U-ST. LOUIS
160	5,298	26,659	230,977	605,069	64,683	48,204	WATERLOO
532	10,010	53,464	132,623	198,302	30,955	33,983	WAYNE STATE
757	21,457	34,059	451,900	747,035	21,852	7,519	WESTERN ONTARIO
1,836	25,825	UA/NA	509,240	810,303	85,338	89,193	WISCONSIN
1,521	12,281	89,484	433,186	795,435	44,027	36,153	YALE
800	24,516	173,024	630,855	1,170,788	15,714	5,129	YORK
11,326	192,925	1,038,833	2,848,813	2,848,813	34,065	18,553	BOSTON PUBLIC
1,333	1,333	26,596	12,741	30,522	499,385	20,238	CISTI
55	1,705	UA/NA	91,856	91,856	28,026	10	CENTER FOR RESEARCH LIBS
6,602	210,608	987,360	127,493	127,493	24,137	0	LIBRARY OF CONGRESS
477	36,172	13,967	3,580	4,702	16,323	3,269	NATL AGRICULTURAL LIB
UA/NA	UA/NA	32,908	169,086	174,139	41,900	1,173	LIB & ARCHIVES CANADA
477	12,170	89,421	195,829	195,829	246,902	206	NATL LIB OF MEDICINE
701	11,414	615,967	UA/NA	UA/NA	4,821	1,264	NEW YORK PUBLIC
151	1,386	69,884	32,840	38,523	33,838	867	NEW YORK STATE
658	4,046	79,535	37,548	246,301	5,661	4,179	SMITHSONIAN

## PERSONNEL AND PUBLIC SERVICES

	Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Staffed Service Points	Service Hours Per Week
(Survey Question Number)	(26a)	(26b)	(26c)	(26)	(27)	(28)
<b>UNIVERSITY LIBRARIES</b>						
Mean	99	142	65	306	24	121
Median	85	119	52	263	21	116
High	569	580	252	1,277	118	168
Low	36	26	7	127	6	77
Totals	11,215	16,092	7,315	34,622	2,713	13,568
Number of Libraries Reporting	113	113	113	113	112	112
<b>NONUNIVERSITY LIBRARIES</b>						
Median	175	120	13	302	9	43
Totals	3,067	3,857	329	7,253	234	580
Number of Libraries Reporting	10	10	9	10	10	10
<b>GRAND TOTALS</b>	<b>14,282</b>	<b>19,949</b>	<b>7,644</b>	<b>41,875</b>	<b>2,947</b>	<b>14,148</b>

## PERSONNEL AND PUBLIC SERVICES

Library Presentations to Groups	Participants in Group Presentations	Reference Transactions	Initial Circulation Transactions	Total Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	
(29)	(30)	(31)	(32)	(33)	(34)	(35) (Survey Question Number)	
<b>UNIVERSITY LIBRARIES</b>							
947	16,719	85,984	348,205	605,332	39,169	29,836	Mean
832	14,337	67,827	268,354	446,035	35,838	26,813	Median
3,031	59,098	523,740	1,908,310	2,971,834	173,771	89,193	High
121	1,761	0	90,160	90,160	5,038	3,114	Low
105,075	1,855,767	9,372,217	38,302,547	68,402,494	4,426,064	3,371,486	Totals
111	111	109	110	113	113	113	Number of Libraries Reporting
<b>NONUNIVERSITY LIBRARIES</b>							
658	11,414	79,535	91,856	127,493	30,932	1,219	Median
21,780	471,759	2,954,471	3,519,786	3,758,178	935,058	49,759	Totals
9	9	9	9	9	10	10	Number of Libraries Reporting
126,855	2,327,526	12,326,688	41,822,333	72,160,672	5,361,122	3,421,245	<b>GRAND TOTALS</b>

## ANALYSIS OF SELECTED VARIABLES OF UNIVERSITY LIBRARIES, 2006–2007

The percentages and ratios below are select indicators that describe the condition of ARL university libraries. The high and low figures indicate the range, while the mean and median indicate the central tendency of the distributions for ARL university libraries. Note that a distribution is normal when the mean and the median figures are identical. If the mean is larger than the median then the distribution is positively skewed, and if the opposite is true the distribution is negatively skewed.

Category	High	Mean	Median	Low	Number of Libraries Reporting
Professional Staff as a percent of Total Staff	59.35	32.18	30.82	19.86	113
Support Staff as a percent of Total Staff	69.31	46.63	47.37	12.77	113
Student Assistant Staff as a percent of Total Staff	67.38	21.19	20.65	3.32	113
Ratio of Professional to Support Staff (excluding Student Assistant Staff)	3.54	0.77	0.66	0.34	113
Ratio of Items Loaned to Items Borrowed	5.89	1.45	1.28	0.22	113
Serials Expenditures as a percent of Total Library Materials Expenditures	88.14	68.37	70.13	19.07	112
Monograph Expenditures as a percent of Total Library Materials Expenditures	42.21	22.28	20.87	5.97	112
Total Library Materials Expenditures as a percent of Total Library Expenditures	62.21	42.70	42.75	26.17	113
Contract Binding as a percent of Total Library Expenditures	1.95	0.61	0.56	0.16	113
Salary & Wages Expenditures as a percent of Total Library Expenditures	60.29	44.78	45.12	30.08	113
Other Operating Expenditures as a percent of Total Library Expenditures	28.50	11.90	10.86	2.54	113
Unit costs of Monographs (per volume)	122.59	55.82	54.51	5.58	101
Unit costs of Serials (per title)	543.42	192.29	171.70	73.61	101
Library Expenditures per Faculty	50,560.77	17,632.13	15,234.74	7,055.29	113
Library Expenditures per Full-Time Student	6,893.22	1,315.76	995.85	444.87	113
Library Expenditures per Full-Time Graduate Student	18,030.94	5,614.00	5,108.62	2,252.82	113
Library Expenditures per Full-Time User	5,949.11	1,208.48	931.32	423.47	113
Library Expenditures per User	5,865.27	1,045.54	789.90	355.46	113

## PHD, FACULTY, AND ENROLLMENT STATISTICS \*

INSTITUTION (Survey Question Number)	(36)	(37)	(38)	ENROLLMENTS			
				PhDs Awarded	PhD Fields	Faculty	Total FTE Full-time**
				(39)	(40)	(41)	(42)
ALABAMA	138	45	872	19,713	3,539	1,930	1,851
ALBERTA	323	116	1,524	32,799	3,763	4,251	1,530
ARIZONA	395	88	1,547	30,504	6,301	5,924	2,439
ARIZONA STATE	339	51	2,356	48,867	14,411	7,603	4,920
AUBURN	181	38	1,142	20,120	3,427	1,512	1,733
BOSTON	305	60	2,680	25,492	6,082	8,397	4,656
BOSTON COLLEGE	132	36	675	11,715	2,666	2,383	2,249
BRIGHAM YOUNG	79	24	1,283	27,465	3,015	1,709	1,550
BRITISH COLUMBIA	342	89	2,359	33,306	14,987	6,959	1,474
BROWN	170	45	690	7,754	371	2,004	111
CALIFORNIA, BERKELEY	876	96	1,455	30,999	1,858	7,892	1,102
CALIFORNIA, DAVIS	467	64	1,937	27,802	2,673	6,483	575
CALIFORNIA, IRVINE	282	42	1,457	24,794	1,077	4,702	450
CALIFORNIA, LOS ANGELES	708	80	1,851	35,051	1,190	10,619	200
CALIFORNIA, RIVERSIDE	177	38	654	16,352	523	2,064	19
CALIFORNIA, SAN DIEGO	UA/NA	68	1,741	25,737	1,131	5,396	103
CALIFORNIA, SANTA BARBARA	310	45	974	20,556	526	2,847	23
CASE WESTERN RESERVE	177	57	619	7,479	2,113	3,621	1,891
CHICAGO	357	66	1,295	11,562	2,701	6,809	2,647
CINCINNATI	259	59	1,209	21,434	6,893	5,084	3,266
COLORADO	301	45	1,259	25,886	5,777	1,960	3,340
COLORADO STATE	211	43	943	20,960	6,142	1,907	3,758
COLUMBIA	494	102	2,011	23,676	5,886	14,981	4,907
CONNECTICUT	339	69	1,600	23,039	5,442	4,541	3,156
CORNELL	485	88	1,698	19,611	38	6,063	24
DARTMOUTH	63	15	768	5,609	144	1,573	95
DELAWARE	224	43	1,117	17,546	2,834	2,540	906
DUKE	288	44	991	12,824	293	6,627	276
EMORY	188	36	2,892	13,937	923	5,563	815
FLORIDA	785	123	2,127	41,970	5,869	9,498	3,231
FLORIDA STATE	350	74	1,727	34,162	6,866	5,490	3,148
GEORGE WASHINGTON	117	27	1,032	15,897	8,634	6,065	7,653
GEorgetown	99	21	1,202	12,572	1,576	5,942	1,353
GEORGIA	388	87	1,733	29,273	4,564	5,885	2,641
GEORGIA TECH	459	48	845	16,007	1,928	4,466	1,109
GUELPH	97	UA/NA	830	17,484	1,494	1,846	185
HARVARD	541	74	2,520	19,584	6,194	12,375	3,435
HAWAII	288	102	2,627	28,371	4,380	6,647	1,988
HOUSTON	248	33	1,204	24,371	10,292	4,715	2,376
HOWARD	96	29	1,068	9,633	1,112	2,966	589
ILLINOIS, CHICAGO	563	118	1,157	17,039	4,664	3,361	3,343

## PHD, FACULTY, AND ENROLLMENT STATISTICS \*

INSTITUTION (Survey Question Number)	(36)	(37)	(38)	ENROLLMENTS			
				PhDs Awarded	PhD Fields	Faculty	Total FTE Full-time**
				(39)	(40)	(41)	(42)
ILLINOIS, URBANA	664	85	2,231	40,015	1,327	9,268	729
INDIANA	389	90	1,865	33,707	4,540	5,469	2,950
IOWA	335	65	1,296	23,125	5,690	4,755	3,332
IOWA STATE	296	83	1,346	22,180	3,282	2,587	1,996
JOHNS HOPKINS	408	58	1,367	11,248	8,512	5,445	8,061
KANSAS	301	72	1,684	22,835	6,089	4,114	3,457
KENT STATE	153	67	856	17,662	5,035	2,289	2,272
KENTUCKY	256	56	1,248	21,745	4,637	4,269	2,821
LAVAL	229	63	1,451	25,684	15,645	5,536	4,433
LOUISIANA STATE	257	55	1,343	27,220	3,117	4,028	1,385
LOUISVILLE	471	30	1,839	15,804	6,037	4,800	1,938
MCGILL	341	6	1,608	25,205	5,729	5,449	1,926
MCMASTER	181	53	1,738	24,294	3,867	3,154	650
MANITOBA	82	47	1,266	20,920	5,495	2,453	738
MARYLAND	602	70	2,896	35,102	6,270	6,708	3,240
MASSACHUSETTS	227	49	1,153	19,273	5,219	1,945	3,650
MIT	601	33	945	9,992	261	5,924	204
MIAMI	135	42	913	14,324	1,346	4,506	655
MICHIGAN	789	121	4,278	37,320	2,705	12,689	1,781
MICHIGAN STATE	493	112	1,982	40,526	6,011	7,938	2,778
MINNESOTA	819	105	1,710	36,049	14,353	9,124	9,165
MISSOURI	258	62	1,108	23,476	4,056	3,251	2,797
MONTREAL	328	76	1,848	37,837	18,918	10,910	3,964
NEBRASKA	245	41	1,047	18,809	3,297	2,702	2,033
NEW MEXICO	181	38	1,742	18,448	8,019	2,570	2,446
NEW YORK	364	72	3,363	31,081	9,789	11,599	8,306
NORTH CAROLINA	512	69	1,490	22,911	4,806	6,592	4,001
NORTH CAROLINA STATE	411	56	1,652	23,134	4,104	3,599	2,577
NORTHWESTERN	462	75	2,925	15,305	3,201	7,153	2,079
NOTRE DAME	159	23	853	11,427	176	3,089	162
OHIO	162	53	949	23,540	4,083	2,854	730
OHIO STATE	667	91	3,026	45,187	6,631	10,205	3,134
OKLAHOMA	179	56	2,064	20,856	6,647	3,249	3,541
OKLAHOMA STATE	167	39	1,180	22,874	10,145	1,566	2,799
OREGON	155	43	800	16,993	3,395	2,818	1,034
PENNSYLVANIA	439	63	1,384	19,492	4,251	9,354	2,467
PENNSYLVANIA STATE	685	118	5,335	68,452	10,624	7,096	4,030
PITTSBURGH	413	65	3,976	28,119	5,455	6,701	2,913
PRINCETON	332	57	827	7,242	133	2,319	0
PURDUE	607	57	2,029	35,497	3,731	5,801	2,137
QUEENS	150	38	810	17,161	3,405	2,911	353

## PHD, FACULTY, AND ENROLLMENT STATISTICS \*

INSTITUTION	(Survey Question Number)	(36)	PhDs Awarded	PhD Fields	Faculty	ENROLLMENTS		
						Total FTE Full-time**	Total Part-time**	Graduate FTE Full-time
						(39)	(40)	(41)
RICE		147	30	598	4,907	117	1,930	83
ROCHESTER		195	44	1,705	7,401	1,472	2,798	1,171
RUTGERS		387	59	2,158	38,425	11,335	6,044	6,828
SASKATCHEWAN		84	53	1,012	15,632	4,047	2,129	274
SOUTH CAROLINA		255	60	1,627	22,872	5,726	5,565	2,635
SOUTHERN CALIFORNIA		420	81	2,004	29,124	4,284	13,440	3,584
SOUTHERN ILLINOIS		145	35	904	16,803	4,200	2,354	2,355
SUNY-ALBANY		161	39	596	14,352	3,332	2,393	2,543
SUNY-BUFFALO		353	76	1,185	23,336	4,487	6,016	3,301
SUNY-STONY BROOK		281	46	1,438	18,258	4,320	4,539	3,185
SYRACUSE		142	45	960	16,071	3,011	3,927	1,999
TEMPLE		402	53	1,709	26,605	7,913	4,679	4,512
TENNESSEE		350	60	1,540	25,264	3,637	6,096	2,186
TEXAS		742	122	2,509	45,232	4,465	11,005	1,655
TEXAS A&M		598	93	2,331	42,250	4,868	7,097	1,736
TEXAS TECH		179	56	1,732	26,112	5,043	4,974	2,411
TORONTO		615	98	2,638	59,345	7,809	10,422	1,865
TULANE		110	44	1,239	8,511	1,778	3,208	506
UTAH		268	55	1,274	20,018	8,601	3,883	1,608
VANDERBILT		226	46	2,294	10,893	714	4,589	640
VIRGINIA		324	46	1,146	19,998	4,070	6,109	3,283
VIRGINIA TECH		356	52	1,340	25,678	2,792	4,199	2,274
WASHINGTON		629	80	3,680	35,498	7,996	9,636	2,733
WASHINGTON STATE		175	45	1,087	19,402	4,253	1,998	1,322
WASHINGTON U-ST. LOUIS		217	56	779	10,889	2,466	4,639	1,330
WATERLOO		163	37	886	24,469	2,570	2,546	578
WAYNE STATE		207	57	1,729	19,316	13,924	6,671	5,424
WESTERN ONTARIO		168	50	1,307	24,998	3,233	3,717	402
WISCONSIN		773	107	2,054	36,347	4,681	6,879	1,964
YALE		360	60	1,782	11,229	186	5,926	157
YORK		117	29	1,451	42,468	8,952	3,367	1,820

## SUMMARY DATA

Median	299	56	1,451	22,872	4,251	4,715	2,033
High	876	123	5,335	68,452	18,918	14,981	9,165
Low	63	6	596	4,907	38	1,512	0
Totals	37,095	6,796	181,788	2,682,726	540,614	594,764	257,145
Number of Libraries Reporting	112	112	113	113	113	113	113

\* - Figures were reported on the ARL questionnaire and have not been verified with the US NCES IPEDS survey.

\*\* - Includes both undergraduate and graduate students.

UA/NA - Unavailable or Not Applicable



**RANK ORDER TABLES OF UNIVERSITY LIBRARIES  
2006–2007**

## SUMMARY OF RANK ORDER TABLES FOR UNIVERSITY LIBRARIES, 2006–2007

The table below presents the rank for each university library in each of the 21 categories for which rank order tables are prepared. The table numbers in the chart below refer to the data categories listed below. The number of libraries indicates the number of ARL university libraries supplying data in each category.

Table	Data Category	Number of Libraries
1	VOLUMES IN LIBRARY	113
2	VOLUMES ADDED (GROSS)	113
3	CURRENT SERIALS (TOTAL)	113
4	MICROFORM UNITS	112
5	GOVERNMENT DOCUMENTS	99
6	TOTAL LIBRARY MATERIALS EXPENDITURES	113
7	TOTAL SALARIES & WAGES EXPENDITURES	113
8	OTHER OPERATING EXPENDITURES	113
9	TOTAL LIBRARY EXPENDITURES	113
10	MONOGRAPHS PURCHASED (VOLUMES)	102
11	EXPENDITURES FOR MONOGRAPHS	112
12	CURRENT SERIALS PURCHASED (TITLES)	101
13	EXPENDITURES FOR CURRENT SERIALS	112
14	TOTAL ITEMS LOANED (ILL/DD)	113
15	TOTAL ITEMS BORROWED (ILL/DD)	113
16	PROFESSIONAL STAFF (FTE)	113
17	SUPPORT STAFF (FTE)	113
18	TOTAL STAFF (FTE)	113
19	EXPENDITURES FOR ELECTRONIC RESOURCES	112
20	ELECTRONIC RESOURCES AS A % OF TOTAL LIBRARY MATERIALS	112
21	LIBRARY INVESTMENT INDEX	113

TABLE NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
ALABAMA	80	91	75	64	12	91	93	71	91	81	89	55	82	109	99	69	93	83	84	54	91
ALBERTA	17	2	71	76	69	12	24	39	18	UA	5	70	24	10	38	57	14	34	6	45	19
ARIZONA	23	46	16	28	69	32	33	16	30	51	38	6	27	27	40	34	32	36	19	34	30
ARIZONA STATE	34	40	11	10	16	33	36	47	37	27	31	10	33	29	24	47	20	32	26	42	35
AUBURN	74	105	94	95	45	107	113	53	107	92	107	95	99	105	109	105	110	112	81	7	107
BOSTON	99	89	70	47	UA	80	69	66	73	96	105	40	47	90	49	39	76	44	105	103	74
BOSTON COLLEGE	100	86	103	62	47	71	72	101	82	66	71	88	96	79	87	61	96	89	92	85	78
BRIGHAM YOUNG	40	16	50	73	31	57	40	37	43	5	50	34	45	57	28	23	106	24	99	104	43
BRITISH COLUMBIA	21	32	26	43	69	19	28	48	25	UA	26	7	8	72	64	29	26	34	11	58	25
BROWN	45	54	52	104	69	79	67	72	72	33	72	54	86	45	25	61	76	81	83	72	71
CALIFORNIA, BERKELEY	3	8	8	16	25	6	5	21	5	UA	3	4	14	47	77	4	21	9	40	105	5
CALIFORNIA, DAVIS	50	47	79	59	54	64	51	73	62	UA	36	61	97	78	56	89	40	52	72	68	64
CALIFORNIA, IRVINE	84	61	67	93	51	66	62	60	67	60	47	71	68	74	48	64	50	62	59	35	68
CALIFORNIA, LOS ANGELES	9	25	15	30	55	20	6	4	6	32	9	UA	30	26	39	10	8	7	61	101	7
CALIFORNIA, RIVERSIDE	97	84	76	102	39	102	89	76	95	36	73	67	102	85	89	110	61	94	107	94	95
CALIFORNIA, SAN DIEGO	61	27	93	85	69	70	27	28	34	46	49	82	67	61	50	39	25	30	58	30	37
CALIFORNIA, SANTA BARBARA	76	101	96	75	29	108	70	31	79	79	74	87	105	82	33	105	42	71	103	55	83
CASE WESTERN RESERVE	92	110	48	98	60	99	103	95	106	6	106	29	92	50	27	81	111	109	93	44	105
CHICAGO	11	11	39	90	UA	14	35	45	28	7	13	56	12	28	78	75	24	37	37	95	28
CINCINNATI	59	38	22	83	58	56	59	55	59	47	39	8	64	18	19	42	108	86	44	29	58
COLORADO	42	36	62	14	10	55	76	89	70	64	60	63	55	30	47	95	68	81	33	21	70
COLORADO STATE	111	62	101	112	43	100	106	62	101	63	83	91	101	9	7	104	106	110	75	18	103
COLUMBIA	6	5	1	26	49	4	4	8	4	10	8	2	1	23	14	2	10	2	1	67	3
CONNECTICUT	48	98	61	57	UA	63	29	77	44	85	100	85	49	37	37	53	97	79	46	23	44
CORNELL	10	28	4	6	UA	18	10	9	10	UA	7	UA	37	16	36	26	6	11	28	78	10
DARTMOUTH	87	85	56	97	69	72	71	97	81	68	62	33	60	60	44	83	58	84	54	24	79
DELAWARE	85	100	108	81	28	74	85	83	83	1	48	94	88	96	63	84	68	84	52	19	82
DUKE	22	37	68	56	5	10	25	40	17	23	11	31	17	54	59	9	37	26	15	79	17
EMORY	65	39	49	29	40	15	31	32	23	38	14	51	56	56	75	37	35	40	65	106	21
FLORIDA	35	71	18	8	6	36	30	42	33	35	58	16	26	39	60	37	22	17	53	75	38
FLORIDA STATE	58	67	58	4	14	93	80	111	94	43	95	28	90	92	96	74	53	44	57	4	92
GEORGE WASHINGTON	108	90	28	92	69	50	58	41	54	73	28	13	77	65	12	64	49	49	77	92	55
GEORGETOWN	75	42	53	68	61	43	47	57	49	58	42	30	46	66	73	52	64	66	66	90	48
GEORGIA	32	52	13	19	9	37	60	65	51	4	51	25	35	36	110	59	26	42	29	46	50
GEORGIA TECH	96	99	83	49	69	105	110	102	110	101	104	97	107	110	103	103	101	113	69	5	108
GUELPH	113	109	113	101	69	109	101	105	109	UA	85	100	110	32	6	108	98	108	89	12	110
HARVARD	1	1	2	2	UA	2	1	1	1	UA	2	UA	23	40	93	1	1	18	108	1	
HAWAII	55	76	37	79	69	82	63	96	77	71	70	53	69	113	67	53	80	61	68	49	76
HOUSTON	90	49	78	33	19	76	105	46	84	24	67	49	73	69	80	84	85	89	101	98	85
HOWARD	98	106	111	58	63	113	104	109	113	102	112	96	112	111	113	101	102	101	109	51	113
ILLINOIS, CHICAGO	102	88	98	67	17	68	78	52	71	70	82	68	109	25	22	66	61	76	90	82	73
ILLINOIS, URBANA	5	9	3	3	69	22	11	14	12	19	41	1	5	3	2	6	19	12	39	89	13
INDIANA	13	10	38	41	33	28	26	22	24	28	16	24	41	20	5	11	28	14	31	66	22
IOWA	31	17	34	12	UA	29	41	79	41	39	40	44	20	12	65	45	51	46	34	70	40
IOWA STATE	95	95	36	80	69	59	87	74	78	72	68	42	48	63	95	100	86	96	32	9	81
JOHNS HOPKINS	44	72	5	54	66	25	32	27	29	67	37	18	16	52	41	19	46	38	9	36	29

TABLE NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
KANSAS	36	66	65	77	18	67	57	54	61	17	56	58	76	22	20	35	65	48	98	96	63
KENT STATE	82	77	110	UA	69	112	112	56	112	97	110	99	111	99	108	94	112	47	110	65	112
KENTUCKY	53	44	72	22	8	51	75	64	64	30	79	78	62	68	74	47	54	51	74	87	62
LAVAL	81	70	102	110	69	60	68	112	80	55	44	86	54	95	102	89	34	71	56	43	80
LOUISIANA STATE	52	78	9	15	23	83	107	94	100	22	52	5	87	112	91	97	76	92	82	61	97
LOUISVILLE	110	64	88	103	69	98	97	36	88	99	108	50	83	102	70	95	86	93	100	73	90
MCGILL	38	15	45	105	20	34	46	25	36	16	21	41	40	97	92	77	38	63	8	14	36
MCMASTER	112	113	80	107	69	92	91	91	92	UA	101	73	85	104	100	111	80	104	43	2	94
MANITOBA	106	83	104	109	46	87	53	85	74	53	64	93	95	80	62	78	39	67	73	33	77
MARYLAND	49	21	33	34	48	58	34	67	50	41	77	23	75	100	23	15	65	41	108	110	47
MASSACHUSETTS	54	12	112	99	UA	106	84	75	93	94	97	101	100	42	16	92	98	95	94	28	93
MIT	79	97	107	100	UA	78	39	49	52	82	75	98	61	94	94	41	84	80	62	38	51
MIAMI	67	56	30	66	69	26	65	51	42	50	32	14	15	43	101	55	52	59	10	32	42
MICHIGAN	8	22	19	7	69	5	7	23	7	8	12	UA	2	14	32	12	5	8	30	102	6
MICHIGAN STATE	29	58	17	17	69	45	45	58	48	61	46	20	39	24	30	58	55	43	36	41	49
MINNESOTA	15	24	14	13	2	16	18	12	16	44	25	27	10	1	21	32	16	21	23	77	16
MISSOURI	57	63	55	5	3	73	100	69	87	48	86	38	52	19	34	84	58	75	38	8	87
MONTREAL	70	53	47	108	69	46	23	81	35	34	55	35	32	81	79	32	9	23	42	53	33
NEBRASKA	68	60	82	48	24	101	88	93	98	95	102	69	94	67	69	97	65	87	106	93	100
NEW MEXICO	88	68	84	46	22	90	43	34	56	80	92	81	91	88	54	70	41	56	67	26	59
NEW YORK	28	35	35	23	27	11	14	13	11	18	18	45	6	71	45	23	12	16	7	56	11
NORTH CAROLINA	19	23	40	45	4	21	19	44	19	20	29	74	25	21	97	13	18	15	78	107	18
NORTH CAROLINA STATE	41	18	54	38	69	62	49	5	40	75	78	89	65	108	57	25	72	55	80	80	41
NORTHWESTERN	30	41	29	52	62	31	37	61	38	45	22	UA	34	35	53	29	43	33	24	52	34
NOTRE DAME	62	50	25	70	69	47	52	59	53	42	20	21	66	70	84	73	32	57	41	50	54
OHIO	77	45	87	84	UA	110	102	100	108	59	90	84	108	5	13	78	105	99	102	48	109
OHIO STATE	18	30	24	31	67	38	20	30	27	21	33	11	36	2	4	17	36	18	48	64	27
OKLAHOMA	27	26	44	53	59	30	99	90	65	65	27	36	38	49	43	89	79	69	71	100	61
OKLAHOMA STATE	83	48	41	51	50	94	81	78	90	74	UA	UA	UA	58	88	78	95	76	UA	UA	89
OREGON	78	69	31	60	42	103	86	87	96	86	84	32	106	7	8	70	91	76	104	81	96
PENNSYLVANIA	20	33	10	63	UA	24	22	26	20	UA	23	UA	11	8	3	21	31	20	35	86	20
PENNSYLVANIA STATE	25	14	23	40	UA	8	8	7	8	14	17	17	3	13	11	13	2	6	2	39	8
PITTSBURGH	26	7	64	39	UA	23	38	43	32	UA	30	39	18	15	61	22	29	28	4	15	31
PRINCETON	16	19	81	21	53	7	17	24	13	13	6	47	19	48	18	18	13	22	17	91	12
PURDUE	94	81	85	89	26	52	48	33	45	91	63	75	51	76	52	66	57	64	21	6	46
QUEENS	93	87	86	71	7	69	90	84	85	77	76	65	59	93	104	109	72	102	49	17	86
RICE	91	93	27	87	57	54	108	98	89	57	24	19	79	103	107	84	108	111	70	84	84
ROCHESTER	46	104	105	44	30	88	73	50	75	84	93	UA	78	73	66	50	104	74	97	69	75
RUTGERS	33	34	46	32	1	53	15	68	31	37	81	46	44	44	55	35	11	19	76	88	32
SASKATCHEWAN	101	65	99	88	32	27	79	108	58	83	35	83	9	91	82	92	75	98	25	59	56
SOUTH CAROLINA	51	79	59	42	11	86	77	18	63	87	87	UA	74	89	85	66	74	50	64	27	67
SOUTHERN CALIFORNIA	39	55	6	27	41	61	21	3	21	40	34	9	71	84	90	27	44	25	16	3	23
SOUTHERN ILLINOIS	73	108	89	50	37	89	94	107	99	98	109	72	70	17	26	102	89	87	91	60	98
SUNY-ALBANY	109	92	97	94	69	111	95	113	111	90	103	79	103	107	86	81	102	103	111	97	111
SUNY-BUFFALO	47	80	20	18	69	77	50	86	68	54	99	12	50	59	83	27	98	60	47	13	65
SUNY-STONY BROOK	105	111	90	74	36	95	96	110	105	100	111	59	84	77	98	50	113	106	87	40	102
SYRACUSE	69	107	106	11	38	97	66	92	86	88	94	92	98	106	72	75	44	70	88	37	88

TABLE NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
TEMPLE	71	59	60	86	68	39	82	63	60	26	43	43	93	83	81	60	80	73	20	22	60
TENNESSEE	66	51	73	55	64	35	61	99	55	56	53	80	21	55	58	56	46	52	45	71	53
TEXAS	7	31	43	20	69	9	12	11	9	29	10	62	28	34	42	15	7	10	3	47	9
TEXAS A&M	43	20	57	35	56	17	42	19	26	11	15	57	13	31	10	20	48	31	5	31	26
TEXAS TECH	89	74	21	96	65	49	74	35	57	52	59	15	42	53	31	44	55	39	96	99	57
TORONTO	4	4	66	37	UA	3	3	15	3	9	4	48	7	62	105	8	4	4	86	112	4
TULANE	72	96	100	111	52	81	111	103	102	49	80	64	72	98	106	107	93	107	95	83	101
UTAH	63	57	69	78	13	85	44	17	47	UA	66	UA	80	51	46	61	22	29	112	111	52
VANDERBILT	64	75	74	91	44	41	55	38	46	62	65	66	22	75	68	31	71	64	13	10	45
VIRGINIA	24	43	12	36	21	44	16	20	22	12	54	37	43	41	51	46	14	26	60	76	24
VIRGINIA TECH	103	103	95	24	34	84	109	104	104	76	69	76	81	87	76	113	86	104	55	11	104
WASHINGTON	14	6	32	9	69	13	13	29	14	25	19	UA	4	6	9	7	17	13	14	74	14
WASHINGTON STATE	104	112	92	69	69	96	92	82	97	89	96	UA	89	33	71	97	92	100	79	25	99
WASHINGTON U.-ST. LOUIS	37	73	63	82	69	42	56	10	39	78	88	52	29	46	17	47	58	54	51	62	39
WATERLOO	107	13	109	106	69	104	98	88	103	2	98	90	104	11	15	112	83	96	85	20	106
WAYNE STATE	56	102	77	72	35	75	64	70	69	93	91	77	57	64	35	42	90	58	22	1	69
WESTERN ONTARIO	60	82	42	65	69	48	83	106	76	15	57	22	31	86	111	70	68	91	27	16	72
WISCONSIN	12	29	51	25	15	40	9	6	15	31	45	26	63	4	1	5	30	5	50	63	15
YALE	2	3	7	1	69	1	2	2	2	3	1	3	58	38	29	3	3	3	12	109	2
YORK	86	94	91	61	UA	65	54	80	66	69	61	60	53	101	112	84	61	67	63	57	66

UA - Unavailable

**RANK ORDER TABLE 1: VOLUMES IN LIBRARY**

Rank	Institution	Value	Rank	Institution	Value
1	HARVARD	15,965,675	58	FLORIDA STATE	3,442,420
2	YALE	12,283,594	59	CINCINNATI	3,418,599
3	CALIFORNIA, BERKELEY	10,725,334	60	WESTERN ONTARIO	3,362,078
4	TORONTO	10,719,219	61	CALIFORNIA, SAN DIEGO	3,360,442
5	ILLINOIS, URBANA	10,712,706	62	NOTRE DAME	3,322,395
6	COLUMBIA	10,004,848	63	UTAH	3,320,167
7	TEXAS	9,323,252	64	VANDERBILT	3,311,665
8	MICHIGAN	8,414,070	65	EMORY	3,298,971
9	CALIFORNIA, LOS ANGELES	8,272,112	66	TENNESSEE	3,251,893
10	CORNELL	7,999,177	67	MIAMI	3,227,943
11	CHICAGO	7,926,905	68	NEBRASKA	3,171,134
12	WISCONSIN	7,916,419	69	SYRACUSE	3,160,240
13	INDIANA	7,553,823	70	MONTREAL	3,150,386
14	WASHINGTON	7,304,234	71	TEMPLE	3,137,142
15	MINNESOTA	6,867,777	72	TULANE	3,106,645
16	PRINCETON	6,778,675	73	SOUTHERN ILLINOIS	3,073,665
17	ALBERTA	6,720,775	74	AUBURN	3,016,986
18	OHIO STATE	6,244,095	75	GEORGETOWN	2,955,278
19	NORTH CAROLINA	6,154,365	76	CALIFORNIA, SANTA BARBARA	2,914,539
20	PENNSYLVANIA	5,994,465	77	OHIO	2,913,522
21	BRITISH COLUMBIA	5,929,597	78	OREGON	2,905,608
22	DUKE	5,872,136	79	MIT	2,847,680
23	ARIZONA	5,632,559	80	ALABAMA	2,835,808
24	VIRGINIA	5,465,077	81	LAVAL	2,834,119
25	PENNSYLVANIA STATE	5,220,080	82	KENT STATE	2,809,479
26	PITTSBURGH	5,116,305	83	OKLAHOMA STATE	2,789,236
27	OKLAHOMA	5,047,646	84	CALIFORNIA, IRVINE	2,778,921
28	NEW YORK	4,946,277	85	DELAWARE	2,741,215
29	MICHIGAN STATE	4,915,621	86	YORK	2,733,807
30	NORTHWESTERN	4,768,588	87	DARTMOUTH	2,732,831
31	IOWA	4,765,690	88	NEW MEXICO	2,707,830
32	GEORGIA	4,559,220	89	TEXAS TECH	2,578,185
33	RUTGERS	4,462,249	90	HOUSTON	2,558,069
34	ARIZONA STATE	4,342,425	91	RICE	2,518,659
35	FLORIDA	4,229,717	92	CASE WESTERN RESERVE	2,518,324
36	KANSAS	4,210,639	93	QUEENS	2,517,328
37	WASHINGTON U-ST. LOUIS	4,162,980	94	PURDUE	2,504,803
38	MCGILL	4,143,904	95	IOWA STATE	2,500,880
39	SOUTHERN CALIFORNIA	4,039,228	96	GEORGIA TECH	2,487,554
40	BRIGHAM YOUNG	3,908,127	97	CALIFORNIA, RIVERSIDE	2,483,202
41	NORTH CAROLINA STATE	3,857,365	98	HOWARD	2,467,638
42	COLORADO	3,843,458	99	BOSTON	2,463,324
43	TEXAS A&M	3,739,081	100	BOSTON COLLEGE	2,446,744
44	JOHNS HOPKINS	3,726,532	101	SASKATCHEWAN	2,367,250
45	BROWN	3,720,244	102	ILLINOIS, CHICAGO	2,363,705
46	ROCHESTER	3,672,976	103	VIRGINIA TECH	2,299,426
47	SUNY-BUFFALO	3,655,089	104	WASHINGTON STATE	2,294,761
48	CONNECTICUT	3,637,190	105	SUNY-STONY BROOK	2,240,758
49	MARYLAND	3,623,376	106	MANITOBA	2,235,944
50	CALIFORNIA, DAVIS	3,599,983	107	WATERLOO	2,224,282
51	SOUTH CAROLINA	3,579,504	108	GEORGE WASHINGTON	2,219,849
52	LOUISIANA STATE	3,548,726	109	SUNY-ALBANY	2,156,476
53	KENTUCKY	3,537,710	110	LOUISVILLE	2,143,282
54	MASSACHUSETTS	3,529,419	111	COLORADO STATE	2,066,079
55	HAWAII	3,486,937	112	MCMASTER	2,019,006
56	WAYNE STATE	3,458,773	113	GUELPH	1,578,968
57	MISSOURI	3,454,585			

**RANK ORDER TABLE 2: VOLUMES ADDED (GROSS)**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	347,049	58	MICHIGAN STATE	66,906
2	ALBERTA	269,948	59	TEMPLE	66,014
3	YALE	254,999	60	NEBRASKA	65,994
4	TORONTO	232,020	61	CALIFORNIA, IRVINE	65,290
5	COLUMBIA	229,439	62	COLORADO STATE	65,234
6	WASHINGTON	221,816	63	MISSOURI	64,014
7	PITTSBURGH	217,345	64	LOUISVILLE	63,740
8	CALIFORNIA, BERKELEY	202,625	65	SASKATCHEWAN	63,731
9	ILLINOIS, URBANA	196,882	66	KANSAS	62,438
10	INDIANA	196,277	67	FLORIDA STATE	62,369
11	CHICAGO	191,311	68	NEW MEXICO	62,075
12	MASSACHUSETTS	190,568	69	OREGON	62,013
13	WATERLOO	188,964	70	LAVAL	61,874
14	PENNSYLVANIA STATE	185,622	71	FLORIDA	59,624
15	MCGILL	184,910	72	JOHNS HOPKINS	59,052
16	BRIGHAM YOUNG	184,608	73	WASHINGTON U.-ST. LOUIS	58,602
17	IOWA	184,240	74	TEXAS TECH	58,178
18	NORTH CAROLINA STATE	172,583	75	VANDERBILT	58,102
19	PRINCETON	169,135	76	HAWAII	56,308
20	TEXAS A&M	164,566	77	KENT STATE	55,279
21	MARYLAND	159,099	78	LOUISIANA STATE	54,400
22	MICHIGAN	157,552	79	SOUTH CAROLINA	54,301
23	NORTH CAROLINA	138,562	80	SUNY-BUFFALO	54,272
24	MINNESOTA	137,273	81	PURDUE	52,779
25	CALIFORNIA, LOS ANGELES	131,198	82	WESTERN ONTARIO	52,753
26	OKLAHOMA	131,123	83	MANITOBA	52,240
27	CALIFORNIA, SAN DIEGO	130,258	84	CALIFORNIA, RIVERSIDE	50,266
28	CORNELL	128,113	85	DARTMOUTH	50,168
29	WISCONSIN	116,200	86	BOSTON COLLEGE	50,137
30	OHIO STATE	115,400	87	QUEENS	48,389
31	TEXAS	114,833	88	ILLINOIS, CHICAGO	48,051
32	BRITISH COLUMBIA	109,070	89	BOSTON	47,105
33	PENNSYLVANIA	107,078	90	GEORGE WASHINGTON	46,166
34	RUTGERS	100,692	91	ALABAMA	46,035
35	NEW YORK	100,043	92	SUNY-ALBANY	45,500
36	COLORADO	99,592	93	RICE	45,481
37	DUKE	98,905	94	YORK	44,626
38	CINCINNATI	94,815	95	IOWA STATE	44,550
39	EMORY	94,667	96	TULANE	44,108
40	ARIZONA STATE	93,623	97	MIT	43,372
41	NORTHWESTERN	92,004	98	CONNECTICUT	41,666
42	GEORGETOWN	91,987	99	GEORGIA TECH	41,220
43	VIRGINIA	88,756	100	DELAWARE	38,010
44	KENTUCKY	85,561	101	CALIFORNIA, SANTA BARBARA	37,484
45	OHIO	83,258	102	WAYNE STATE	35,959
46	ARIZONA	82,344	103	VIRGINIA TECH	35,265
47	CALIFORNIA, DAVIS	81,543	104	ROCHESTER	34,715
48	OKLAHOMA STATE	79,930	105	AUBURN	34,484
49	HOUSTON	79,824	106	HOWARD	33,864
50	NOTRE DAME	79,540	107	SYRACUSE	30,294
51	TENNESSEE	78,738	108	SOUTHERN ILLINOIS	29,439
52	GEORGIA	75,494	109	GUELPH	29,071
53	MONTREAL	74,411	110	CASE WESTERN RESERVE	27,987
54	BROWN	74,085	111	SUNY-STONY BROOK	27,297
55	SOUTHERN CALIFORNIA	73,605	112	WASHINGTON STATE	26,922
56	MIAMI	70,498	113	MCMASTER	18,107
57	UTAH	69,759			

**RANK ORDER TABLE 3: CURRENT SERIALS (TOTAL)**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	COLUMBIA	119,637	58	FLORIDA STATE	51,733
2	HARVARD	110,463	59	SOUTH CAROLINA	51,540
3	ILLINOIS, URBANA	107,666	60	TEMPLE	51,198
4	CORNELL	92,000	61	CONNECTICUT	51,007
5	JOHNS HOPKINS	91,851	62	COLORADO	50,350
6	SOUTHERN CALIFORNIA	89,971	63	WASHINGTON U-ST. LOUIS	49,970
7	YALE	89,649	64	PITTSBURGH	48,637
8	CALIFORNIA, BERKELEY	87,265	65	KANSAS	48,212
9	LOUISIANA STATE	86,026	66	TORONTO	47,916
10	PENNSYLVANIA	84,182	67	CALIFORNIA, IRVINE	47,668
11	ARIZONA STATE	82,862	68	DUKE	47,122
12	VIRGINIA	82,440	69	UTAH	45,830
13	GEORGIA	80,976	70	BOSTON	45,264
14	MINNESOTA	77,446	71	ALBERTA	45,110
15	CALIFORNIA, LOS ANGELES	76,248	72	KENTUCKY	44,610
16	ARIZONA	75,181	73	TENNESSEE	44,337
17	MICHIGAN STATE	74,177	74	VANDERBILT	44,199
18	FLORIDA	73,747	75	ALABAMA	44,079
19	MICHIGAN	71,788	76	CALIFORNIA, RIVERSIDE	44,025
20	SUNY-BUFFALO	71,234	77	WAYNE STATE	43,559
21	TEXAS TECH	70,114	78	HOUSTON	42,812
22	CINCINNATI	69,609	79	CALIFORNIA, DAVIS	42,592
23	PENNSYLVANIA STATE	68,876	80	MCMASTER	41,216
24	OHIO STATE	68,550	81	PRINCETON	41,120
25	NOTRE DAME	68,038	82	NEBRASKA	41,034
26	BRITISH COLUMBIA	67,827	83	GEORGIA TECH	40,887
27	RICE	66,473	84	NEW MEXICO	40,374
28	GEORGE WASHINGTON	65,604	85	PURDUE	40,073
29	NORTHWESTERN	64,888	86	QUEENS	39,823
30	MIAMI	62,621	87	OHIO	39,297
31	OREGON	62,348	88	LOUISVILLE	39,268
32	WASHINGTON	61,272	89	SOUTHERN ILLINOIS	39,221
33	MARYLAND	60,117	90	SUNY-STONY BROOK	38,747
34	IOWA	59,380	91	YORK	38,714
35	NEW YORK	58,968	92	WASHINGTON STATE	37,648
36	IOWA STATE	58,443	93	CALIFORNIA, SAN DIEGO	37,385
37	HAWAII	58,111	94	AUBURN	36,635
38	INDIANA	57,534	95	VIRGINIA TECH	35,596
39	CHICAGO	57,236	96	CALIFORNIA, SANTA BARBARA	35,544
40	NORTH CAROLINA	56,647	97	SUNY-ALBANY	35,466
41	OKLAHOMA STATE	56,261	98	ILLINOIS, CHICAGO	35,006
42	WESTERN ONTARIO	56,223	99	SASKATCHEWAN	34,920
43	TEXAS	56,097	100	TULANE	34,820
44	OKLAHOMA	55,815	101	COLORADO STATE	32,678
45	MCGILL	54,490	102	LAVAL	32,158
46	RUTGERS	54,450	103	BOSTON COLLEGE	31,714
47	MONTREAL	54,265	104	MANITOBA	29,800
48	CASE WESTERN RESERVE	54,252	105	ROCHESTER	27,240
49	EMORY	54,218	106	SYRACUSE	23,285
50	BRIGHAM YOUNG	54,183	107	MIT	22,280
51	WISCONSIN	54,164	108	DELAWARE	21,931
52	BROWN	54,050	109	WATERLOO	21,706
53	GEORGETOWN	53,697	110	KENT STATE	17,093
54	NORTH CAROLINA STATE	53,404	111	HOWARD	16,627
55	MISSOURI	52,490	112	MASSACHUSETTS	16,488
56	DARTMOUTH	51,936	113	GUELPH	11,787
57	TEXAS A&M	51,797			

**RANK ORDER TABLE 4: MICROFORM UNITS**

RANK	INSTITUTION	VALUE
1	YALE	10,203,889
2	HARVARD	10,118,984
3	ILLINOIS, URBANA	9,535,387
4	FLORIDA STATE	9,106,394
5	MISSOURI	8,696,639
6	CORNELL	8,445,737
7	MICHIGAN	8,445,189
8	FLORIDA	7,814,666
9	WASHINGTON	7,761,037
10	ARIZONA STATE	7,587,902
11	SYRACUSE	7,450,629
12	IOWA	7,178,601
13	MINNESOTA	6,947,047
14	COLORADO	6,889,047
15	LOUISIANA STATE	6,763,548
16	CALIFORNIA, BERKELEY	6,757,837
17	MICHIGAN STATE	6,736,282
18	SUNY-BUFFALO	6,682,368
19	GEORGIA	6,615,818
20	TEXAS	6,588,105
21	PRINCETON	6,536,264
22	KENTUCKY	6,433,748
23	NEW YORK	6,430,172
24	VIRGINIA TECH	6,323,061
25	WISCONSIN	6,314,054
26	COLUMBIA	6,300,446
27	SOUTHERN CALIFORNIA	6,278,392
28	ARIZONA	6,267,015
29	EMORY	6,216,565
30	CALIFORNIA, LOS ANGELES	6,202,084
31	OHIO STATE	6,002,228
32	RUTGERS	5,962,736
33	HOUSTON	5,955,038
34	MARYLAND	5,810,160
35	TEXAS A&M	5,583,684
36	VIRGINIA	5,508,337
37	TORONTO	5,471,768
38	NORTH CAROLINA STATE	5,445,379
39	PITTSBURGH	5,399,668
40	PENNSYLVANIA STATE	5,378,624
41	INDIANA	5,351,686
42	SOUTH CAROLINA	5,306,418
43	BRITISH COLUMBIA	5,257,832
44	ROCHESTER	5,105,142
45	NORTH CAROLINA	5,088,410
46	NEW MEXICO	4,716,420
47	BOSTON	4,675,390
48	NEBRASKA	4,659,407
49	GEORGIA TECH	4,613,109
50	SOUTHERN ILLINOIS	4,594,306
51	OKLAHOMA STATE	4,518,524
52	NORTHWESTERN	4,511,356
53	OKLAHOMA	4,449,470
54	JOHNS HOPKINS	4,391,442
55	TENNESSEE	4,362,751
56	DUKE	4,301,882
57	CONNECTICUT	4,301,603
58	HOWARD	4,220,992
59	CALIFORNIA, DAVIS	4,220,007
60	OREGON	4,156,078
61	YORK	4,153,557
62	BOSTON COLLEGE	4,152,272
63	PENNSYLVANIA	4,118,094
64	ALABAMA	4,068,078
65	WESTERN ONTARIO	4,031,547
66	MIAMI	3,981,693
67	ILLINOIS, CHICAGO	3,969,651
68	GEORGETOWN	3,957,886
69	WASHINGTON STATE	3,929,090
70	NOTRE DAME	3,920,355
71	QUEENS	3,906,399
72	WAYNE STATE	3,895,009
73	BRIGHAM YOUNG	3,859,362
74	SUNY-STONY BROOK	3,837,093
75	CALIFORNIA, SANTA BARBARA	3,771,797
76	ALBERTA	3,734,584
77	KANSAS	3,646,724
78	UTAH	3,631,803
79	HAWAII	3,509,537
80	IOWA STATE	3,508,755
81	DELAWARE	3,437,256
82	WASHINGTON U-ST. LOUIS	3,430,687
83	CINCINNATI	3,362,670
84	OHIO	3,308,966
85	CALIFORNIA, SAN DIEGO	3,272,873
86	TEMPLE	3,267,996
87	RICE	3,248,726
88	SASKATCHEWAN	3,108,884
89	PURDUE	3,103,709
90	CHICAGO	3,080,279
91	VANDERBILT	3,043,483
92	GEORGE WASHINGTON	2,914,221
93	CALIFORNIA, IRVINE	2,891,436
94	SUNY-ALBANY	2,880,197
95	AUBURN	2,712,980
96	TEXAS TECH	2,666,475
97	DARTMOUTH	2,599,765
98	CASE WESTERN RESERVE	2,590,449
99	MASSACHUSETTS	2,582,187
100	MIT	2,411,592
101	GUELPH	2,343,937
102	CALIFORNIA, RIVERSIDE	2,252,549
103	LOUISVILLE	2,212,690
104	BROWN	1,952,956
105	MCGILL	1,782,148
106	WATERLOO	1,709,140
107	MCMASTER	1,627,075
108	MONTREAL	1,539,466
109	MANITOBA	1,472,353
110	LAVAL	1,293,971
111	TULANE	1,248,377
112	COLORADO STATE	1,165,640
	KENT STATE	UA/NA

**RANK ORDER TABLE 5: GOVERNMENT DOCUMENTS**

Rank	Institution	Value	Rank	Institution	Value
1	RUTGERS	2,665,560	58	CINCINNATI	33,497
2	MINNESOTA	2,638,912	59	OKLAHOMA	29,927
3	MISSOURI	1,681,590	60	CASE WESTERN RESERVE	26,867
4	NORTH CAROLINA	1,625,932	61	GEORGETOWN	9,385
5	DUKE	1,252,784	62	NORTHWESTERN	7,808
6	FLORIDA	1,235,366	63	HOWARD	4,405
7	QUEENS	1,114,831	64	TENNESSEE	4,344
8	KENTUCKY	1,102,510	65	TEXAS TECH	4,222
9	GEORGIA	1,062,664	66	JOHNS HOPKINS	1,300
10	COLORADO	964,836	67	OHIO STATE	738
11	SOUTH CAROLINA	937,420	68	TEMPLE	580
12	ALABAMA	935,159	69	ALBERTA	0
13	UTAH	892,377	69	ARIZONA	0
14	FLORIDA STATE	863,761	69	BRITISH COLUMBIA	0
15	WISCONSIN	861,389	69	BROWN	0
16	ARIZONA STATE	806,062	69	CALIFORNIA, SAN DIEGO	0
17	ILLINOIS, CHICAGO	785,060	69	DARTMOUTH	0
18	KANSAS	736,947	69	GEORGE WASHINGTON	0
19	HOUSTON	680,971	69	GEORGIA TECH	0
20	MCGILL	676,373	69	GUELPH	0
21	VIRGINIA	676,182	69	HAWAII	0
22	NEW MEXICO	658,593	69	ILLINOIS, URBANA	0
23	LOUISIANA STATE	592,560	69	IOWA STATE	0
24	NEBRASKA	552,672	69	KENT STATE	0
25	CALIFORNIA, BERKELEY	505,860	69	LAVAL	0
26	PURDUE	489,519	69	LOUISVILLE	0
27	NEW YORK	481,661	69	MCMASTER	0
28	DELAWARE	450,119	69	MIAMI	0
29	CALIFORNIA, SANTA BARBARA	435,798	69	MICHIGAN	0
30	ROCHESTER	429,239	69	MICHIGAN STATE	0
31	BRIGHAM YOUNG	420,238	69	MONTREAL	0
32	SASKATCHEWAN	415,587	69	NORTH CAROLINA STATE	0
33	INDIANA	407,196	69	NOTRE DAME	0
34	VIRGINIA TECH	399,525	69	SUNY-ALBANY	0
35	WAYNE STATE	388,182	69	SUNY-BUFFALO	0
36	SUNY-STONY BROOK	343,630	69	TEXAS	0
37	SOUTHERN ILLINOIS	313,173	69	WASHINGTON	0
38	SYRACUSE	304,650	69	WASHINGTON STATE	0
39	CALIFORNIA, RIVERSIDE	296,807	69	WASHINGTON U.-ST. LOUIS	0
40	EMORY	276,766	69	WATERLOO	0
41	SOUTHERN CALIFORNIA	270,642	69	WESTERN ONTARIO	0
42	OREGON	268,640	69	YALE	0
43	COLORADO STATE	264,168		BOSTON	UA/NA
44	VANDERBILT	261,495		CHICAGO	UA/NA
45	AUBURN	239,511		CONNECTICUT	UA/NA
46	MANITOBA	224,871		CORNELL	UA/NA
47	BOSTON COLLEGE	213,086		HARVARD	UA/NA
48	MARYLAND	198,577		IOWA	UA/NA
49	COLUMBIA	194,423		MASSACHUSETTS	UA/NA
50	OKLAHOMA STATE	170,807		MIT	UA/NA
51	CALIFORNIA, IRVINE	167,834		OHIO	UA/NA
52	TULANE	143,431		PENNSYLVANIA	UA/NA
53	PRINCETON	122,822		PENNSYLVANIA STATE	UA/NA
54	CALIFORNIA, DAVIS	73,145		PITTSBURGH	UA/NA
55	CALIFORNIA, LOS ANGELES	72,562		TORONTO	UA/NA
56	TEXAS A&M	65,519		YORK	UA/NA
57	RICE	55,896			

**RANK ORDER TABLE 6: TOTAL LIBRARY MATERIALS EXPENDITURES**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	YALE	33,942,469	58	MARYLAND	9,401,463
2	HARVARD	29,677,074	59	IOWA STATE	9,245,223
3	TORONTO	22,455,604	60	LAVAL	9,224,402
4	COLUMBIA	22,247,648	61	SOUTHERN CALIFORNIA	9,128,147
5	MICHIGAN	20,521,937	62	NORTH CAROLINA STATE	9,090,707
6	CALIFORNIA, BERKELEY	19,715,862	63	CONNECTICUT	8,917,973
7	PRINCETON	18,428,119	64	CALIFORNIA, DAVIS	8,791,741
8	PENNSYLVANIA STATE	18,306,551	65	YORK	8,778,423
9	TEXAS	17,847,024	66	CALIFORNIA, IRVINE	8,630,487
10	DUKE	16,736,707	67	KANSAS	8,602,406
11	NEW YORK	16,402,378	68	ILLINOIS, CHICAGO	8,528,000
12	ALBERTA	16,330,216	69	QUEENS	8,507,864
13	WASHINGTON	16,161,944	70	CALIFORNIA, SAN DIEGO	8,501,529
14	CHICAGO	16,130,090	71	BOSTON COLLEGE	8,483,648
15	EMORY	15,885,660	72	DARTMOUTH	8,399,585
16	MINNESOTA	15,695,613	73	MISSOURI	8,389,722
17	TEXAS A&M	15,506,357	74	DELAWARE	8,380,119
18	CORNELL	15,012,671	75	WAYNE STATE	8,344,118
19	BRITISH COLUMBIA	14,967,690	76	HOUSTON	8,296,080
20	CALIFORNIA, LOS ANGELES	14,893,015	77	SUNY-BUFFALO	8,279,987
21	NORTH CAROLINA	14,551,148	78	MIT	8,228,345
22	ILLINOIS, URBANA	14,530,720	79	BROWN	8,219,812
23	PITTSBURGH	14,438,533	80	BOSTON	8,087,754
24	PENNSYLVANIA	14,426,982	81	TULANE	8,044,143
25	JOHNS HOPKINS	14,195,523	82	HAWAII	7,859,038
26	MIAMI	13,828,140	83	LOUISIANA STATE	7,608,658
27	SASKATCHEWAN	13,570,510	84	VIRGINIA TECH	7,592,311
28	INDIANA	13,222,486	85	UTAH	7,541,720
29	IOWA	13,026,345	86	SOUTH CAROLINA	7,403,459
30	OKLAHOMA	12,966,567	87	MANITOBA	7,181,952
31	NORTHWESTERN	12,911,252	88	ROCHESTER	7,165,032
32	ARIZONA	12,573,693	89	SOUTHERN ILLINOIS	7,121,969
33	ARIZONA STATE	12,192,366	90	NEW MEXICO	7,081,803
34	MCGILL	12,172,462	91	ALABAMA	7,032,660
35	TENNESSEE	12,069,221	92	MCMASTER	7,019,014
36	FLORIDA	11,844,826	93	FLORIDA STATE	6,840,347
37	GEORGIA	11,819,042	94	OKLAHOMA STATE	6,713,308
38	OHIO STATE	11,448,889	95	SUNY-STONY BROOK	6,669,080
39	TEMPLE	11,259,438	96	WASHINGTON STATE	6,462,246
40	WISCONSIN	11,242,567	97	SYRACUSE	6,457,876
41	VANDERBILT	11,156,788	98	LOUISVILLE	6,332,778
42	WASHINGTON U.-ST. LOUIS	11,019,989	99	CASE WESTERN RESERVE	6,332,322
43	GEorgetown	10,811,711	100	COLORADO STATE	6,279,281
44	VIRGINIA	10,791,623	101	NEBRASKA	6,226,322
45	MICHIGAN STATE	10,562,324	102	CALIFORNIA, RIVERSIDE	6,176,930
46	MONTREAL	10,533,596	103	OREGON	6,159,104
47	NOTRE DAME	10,496,179	104	WATERLOO	5,927,582
48	WESTERN ONTARIO	10,281,868	105	GEORGIA TECH	5,913,698
49	TEXAS TECH	10,201,548	106	MASSACHUSETTS	5,854,922
50	GEORGE WASHINGTON	10,130,875	107	AUBURN	5,543,546
51	KENTUCKY	10,075,915	108	CALIFORNIA, SANTA BARBARA	5,423,851
52	PURDUE	10,073,561	109	GUELPH	5,408,772
53	RUTGERS	10,069,313	110	OHIO	5,333,771
54	RICE	9,889,566	111	SUNY-ALBANY	5,134,576
55	COLORADO	9,633,354	112	KENT STATE	3,874,159
56	CINCINNATI	9,600,793	113	HOWARD	3,543,513
57	BRIGHAM YOUNG	9,594,560			

**RANK ORDER TABLE 7: TOTAL SALARIES & WAGES EXPENDITURES**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	61,015,190	58	GEORGE WASHINGTON	9,643,781
2	YALE	33,124,849	59	CINCINNATI	9,541,925
3	TORONTO	31,881,312	60	GEORGIA	9,449,010
4	COLUMBIA	30,069,486	61	TENNESSEE	9,430,004
5	CALIFORNIA, BERKELEY	27,298,327	62	CALIFORNIA, IRVINE	9,332,752
6	CALIFORNIA, LOS ANGELES	26,932,279	63	HAWAII	9,239,191
7	MICHIGAN	24,838,944	64	WAYNE STATE	9,232,838
8	PENNSYLVANIA STATE	24,300,413	65	MIAMI	9,135,161
9	WISCONSIN	22,566,885	66	SYRACUSE	8,949,715
10	CORNELL	21,947,474	67	BROWN	8,945,926
11	ILLINOIS, URBANA	21,260,744	68	LAVAL	8,624,425
12	TEXAS	20,885,832	69	BOSTON	8,620,768
13	WASHINGTON	20,762,260	70	CALIFORNIA, SANTA BARBARA	8,563,516
14	NEW YORK	19,737,848	71	DARTMOUTH	8,563,474
15	RUTGERS	18,479,997	72	BOSTON COLLEGE	8,524,227
16	VIRGINIA	18,287,810	73	ROCHESTER	8,490,105
17	PRINCETON	18,041,573	74	TEXAS TECH	8,484,856
18	MINNESOTA	17,810,965	75	KENTUCKY	8,411,041
19	NORTH CAROLINA	17,397,888	76	COLORADO	8,397,305
20	OHIO STATE	16,382,380	77	SOUTH CAROLINA	7,864,445
21	SOUTHERN CALIFORNIA	16,012,388	78	ILLINOIS, CHICAGO	7,863,536
22	PENNSYLVANIA	15,937,988	79	SASKATCHEWAN	7,701,125
23	MONTREAL	15,866,183	80	FLORIDA STATE	7,696,922
24	ALBERTA	15,627,381	81	OKLAHOMA STATE	7,639,228
25	DUKE	15,426,545	82	TEMPLE	7,586,791
26	INDIANA	15,179,885	83	WESTERN ONTARIO	7,492,409
27	CALIFORNIA, SAN DIEGO	14,980,147	84	MASSACHUSETTS	7,455,253
28	BRITISH COLUMBIA	14,576,311	85	DELAWARE	7,402,054
29	CONNECTICUT	14,119,115	86	OREGON	7,189,284
30	FLORIDA	13,594,474	87	IOWA STATE	7,174,666
31	EMORY	13,532,807	88	NEBRASKA	6,865,876
32	JOHNS HOPKINS	13,001,476	89	CALIFORNIA, RIVERSIDE	6,850,811
33	ARIZONA	12,548,210	90	QUEENS	6,738,519
34	MARYLAND	12,499,338	91	MCMASTER	6,706,624
35	CHICAGO	12,221,486	92	WASHINGTON STATE	6,545,298
36	ARIZONA STATE	12,181,468	93	ALABAMA	6,512,270
37	NORTHWESTERN	12,015,652	94	SOUTHERN ILLINOIS	6,488,648
38	PITTSBURGH	11,988,030	95	SUNY-ALBANY	6,398,142
39	MIT	11,898,450	96	SUNY-STONY BROOK	6,375,100
40	BRIGHAM YOUNG	11,763,259	97	LOUISVILLE	6,329,696
41	IOWA	11,720,275	98	WATERLOO	6,292,457
42	TEXAS A&M	11,668,760	99	OKLAHOMA	6,270,397
43	NEW MEXICO	11,438,906	100	MISSOURI	6,203,266
44	UTAH	11,396,208	101	GUELPH	5,866,199
45	MICHIGAN STATE	11,108,339	102	OHIO	5,828,562
46	MCGILL	10,827,323	103	CASE WESTERN RESERVE	5,632,949
47	GEORGETOWN	10,738,442	104	HOWARD	5,600,195
48	PURDUE	10,517,701	105	HOUSTON	5,536,871
49	NORTH CAROLINA STATE	10,210,102	106	COLORADO STATE	5,501,537
50	SUNY-BUFFALO	10,183,074	107	LOUISIANA STATE	5,496,968
51	CALIFORNIA, DAVIS	10,176,233	108	RICE	5,240,338
52	NOTRE DAME	10,149,624	109	VIRGINIA TECH	5,150,634
53	MANITOBA	10,028,988	110	GEORGIA TECH	5,064,617
54	YORK	9,963,163	111	TULANE	4,951,911
55	VANDERBILT	9,917,649	112	KENT STATE	4,669,161
56	WASHINGTON U-ST. LOUIS	9,804,498	113	AUBURN	4,535,114
57	KANSAS	9,676,265			

**RANK ORDER TABLE 8: OTHER OPERATING EXPENDITURES**

RANK	INSTITUTION	VALUE
1	HARVARD	19,111,716
2	YALE	9,850,702
3	SOUTHERN CALIFORNIA	9,581,611
4	CALIFORNIA, LOS ANGELES	9,537,404
5	NORTH CAROLINA STATE	7,769,555
6	WISCONSIN	7,520,477
7	PENNSYLVANIA STATE	7,197,319
8	COLUMBIA	7,119,198
9	CORNELL	6,705,371
10	WASHINGTON U.-ST. LOUIS	6,494,777
11	TEXAS	6,135,379
12	MINNESOTA	6,102,465
13	NEW YORK	5,961,383
14	ILLINOIS, URBANA	5,836,352
15	TORONTO	5,670,468
16	ARIZONA	5,599,618
17	UTAH	5,569,790
18	SOUTH CAROLINA	5,499,703
19	TEXAS A&M	5,281,464
20	VIRGINIA	5,229,109
21	CALIFORNIA, BERKELEY	5,179,950
22	INDIANA	5,027,969
23	MICHIGAN	4,811,432
24	PRINCETON	4,791,320
25	MCGILL	4,614,383
26	PENNSYLVANIA	4,607,443
27	JOHNS HOPKINS	4,537,021
28	CALIFORNIA, SAN DIEGO	4,497,608
29	WASHINGTON	4,418,662
30	OHIO STATE	4,335,933
31	CALIFORNIA, SANTA BARBARA	4,292,569
32	EMORY	4,194,616
33	PURDUE	4,183,789
34	NEW MEXICO	4,057,045
35	TEXAS TECH	3,820,965
36	LOUISVILLE	3,784,694
37	BRIGHAM YOUNG	3,552,241
38	VANDERBILT	3,478,211
39	ALBERTA	3,427,140
40	DUKE	3,421,450
41	GEORGE WASHINGTON	3,252,094
42	FLORIDA	3,247,284
43	PITTSBURGH	3,244,787
44	NORTH CAROLINA	3,238,368
45	CHICAGO	3,226,251
46	HOUSTON	3,181,042
47	ARIZONA STATE	3,178,274
48	BRITISH COLUMBIA	3,140,977
49	MIT	3,088,620
50	ROCHESTER	3,043,748
51	MIAMI	2,860,631
52	ILLINOIS, CHICAGO	2,830,939
53	AUBURN	2,775,405
54	KANSAS	2,753,665
55	CINCINNATI	2,749,762
56	KENT STATE	2,708,240
57	GEORGETOWN	2,620,243
58	MICHIGAN STATE	2,581,342
59	NOTRE DAME	2,516,935
60	CALIFORNIA, IRVINE	2,411,338
61	NORTHWESTERN	2,365,352
62	COLORADO STATE	2,330,509
63	TEMPLE	2,316,996
64	KENTUCKY	2,305,144
65	GEORGIA	2,181,697
66	BOSTON	2,028,288
67	MARYLAND	2,018,440
68	RUTGERS	2,001,428
69	MISSOURI	1,982,492
70	WAYNE STATE	1,967,062
71	ALABAMA	1,884,462
72	BROWN	1,884,393
73	CALIFORNIA, DAVIS	1,875,816
74	IOWA STATE	1,836,286
75	MASSACHUSETTS	1,827,686
76	CALIFORNIA, RIVERSIDE	1,812,193
77	CONNECTICUT	1,811,233
78	OKLAHOMA STATE	1,757,571
79	IOWA	1,744,401
80	YORK	1,678,855
81	MONTREAL	1,620,121
82	WASHINGTON STATE	1,606,793
83	DELAWARE	1,585,272
84	QUEENS	1,559,479
85	MANITOBA	1,548,749
86	SUNY-BUFFALO	1,532,638
87	OREGON	1,526,216
88	WATERLOO	1,477,403
89	COLORADO	1,434,326
90	OKLAHOMA	1,428,066
91	MCMASTER	1,423,133
92	SYRACUSE	1,381,942
93	NEBRASKA	1,372,273
94	LOUISIANA STATE	1,357,701
95	CASE WESTERN RESERVE	1,327,370
96	HAWAII	1,316,262
97	DARTMOUTH	1,287,032
98	RICE	1,264,492
99	TENNESSEE	1,169,946
100	OHIO	1,141,651
101	BOSTON COLLEGE	1,069,860
102	GEORGIA TECH	1,007,096
103	TULANE	932,599
104	VIRGINIA TECH	931,026
105	GUELPH	914,826
106	WESTERN ONTARIO	895,233
107	SOUTHERN ILLINOIS	831,320
108	SASKATCHEWAN	788,499
109	HOWARD	696,490
110	SUNY-STONY BROOK	634,237
111	FLORIDA STATE	621,157
112	LAVAL	466,958
113	SUNY-ALBANY	418,115

**RANK ORDER TABLE 9: TOTAL LIBRARY EXPENDITURES**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	110,849,458	58	SASKATCHEWAN	22,127,910
2	YALE	77,403,912	59	CINCINNATI	22,045,924
3	TORONTO	60,344,407	60	TEMPLE	21,280,634
4	COLUMBIA	60,071,960	61	KANSAS	21,156,733
5	CALIFORNIA, BERKELEY	53,231,754	62	CALIFORNIA, DAVIS	21,002,377
6	CALIFORNIA, LOS ANGELES	51,792,128	63	SOUTH CAROLINA	20,943,404
7	MICHIGAN	50,591,407	64	KENTUCKY	20,920,715
8	PENNSYLVANIA STATE	50,251,356	65	OKLAHOMA	20,844,144
9	TEXAS	45,044,095	66	YORK	20,559,023
10	CORNELL	43,832,341	67	CALIFORNIA, IRVINE	20,426,194
11	NEW YORK	42,669,230	68	SUNY-BUFFALO	20,054,901
12	ILLINOIS, URBANA	41,919,073	69	WAYNE STATE	19,599,699
13	PRINCETON	41,813,758	70	COLORADO	19,555,663
14	WASHINGTON	41,583,736	71	ILLINOIS, CHICAGO	19,257,215
15	WISCONSIN	41,536,552	72	BROWN	19,231,881
16	MINNESOTA	39,927,096	73	BOSTON	18,916,916
17	DUKE	35,769,252	74	MANITOBA	18,892,732
18	ALBERTA	35,476,594	75	ROCHESTER	18,820,047
19	NORTH CAROLINA	35,425,976	76	WESTERN ONTARIO	18,773,453
20	PENNSYLVANIA	35,258,073	77	HAWAII	18,534,243
21	SOUTHERN CALIFORNIA	34,881,430	78	IOWA STATE	18,395,012
22	VIRGINIA	34,444,481	79	CALIFORNIA, SANTA BARBARA	18,394,762
23	EMORY	33,741,980	80	LAVAL	18,371,110
24	INDIANA	33,641,171	81	DARTMOUTH	18,340,292
25	BRITISH COLUMBIA	32,863,086	82	BOSTON COLLEGE	18,217,616
26	TEXAS A&M	32,596,645	83	DELAWARE	17,442,850
27	OHIO STATE	32,480,575	84	HOUSTON	17,117,492
28	CHICAGO	31,966,296	85	QUEENS	16,884,844
29	JOHNS HOPKINS	31,807,561	86	SYRACUSE	16,849,931
30	ARIZONA	30,769,327	87	MISSOURI	16,698,370
31	RUTGERS	30,653,693	88	LOUISVILLE	16,560,259
32	PITTSBURGH	29,890,593	89	RICE	16,450,416
33	FLORIDA	28,841,337	90	OKLAHOMA STATE	16,147,363
34	CALIFORNIA, SAN DIEGO	28,240,980	91	ALABAMA	15,501,146
35	MONTREAL	28,153,803	92	MCMASTER	15,213,067
36	MCGILL	27,836,855	93	MASSACHUSETTS	15,197,898
37	ARIZONA STATE	27,730,343	94	FLORIDA STATE	15,197,764
38	NORTHWESTERN	27,457,411	95	CALIFORNIA, RIVERSIDE	15,079,576
39	WASHINGTON U-ST. LOUIS	27,424,013	96	OREGON	14,988,631
40	NORTH CAROLINA STATE	27,262,569	97	WASHINGTON STATE	14,663,826
41	IOWA	26,647,407	98	NEBRASKA	14,632,237
42	MIAMI	25,941,411	99	SOUTHERN ILLINOIS	14,564,091
43	BRIGHAM YOUNG	25,159,442	100	LOUISIANA STATE	14,526,765
44	CONNECTICUT	25,071,952	101	COLORADO STATE	14,165,408
45	PURDUE	24,904,422	102	TULANE	13,974,872
46	VANDERBILT	24,673,090	103	WATERLOO	13,750,166
47	UTAH	24,641,932	104	VIRGINIA TECH	13,715,756
48	MICHIGAN STATE	24,458,354	105	SUNY-STONY BROOK	13,702,275
49	GEORGETOWN	24,299,359	106	CASE WESTERN RESERVE	13,382,448
50	MARYLAND	24,069,990	107	AUBURN	12,904,149
51	GEORGIA	23,703,488	108	OHIO	12,349,302
52	MIT	23,421,666	109	GUELPH	12,217,636
53	NOTRE DAME	23,257,537	110	GEORGIA TECH	12,032,660
54	GEORGE WASHINGTON	23,153,326	111	SUNY-ALBANY	12,010,828
55	TENNESSEE	22,810,227	112	KENT STATE	11,308,206
56	NEW MEXICO	22,653,088	113	HOWARD	9,916,198
57	TEXAS TECH	22,635,446			

**RANK ORDER TABLE 10: MONOGRAPHS PURCHASED (VOLUMES)**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	DELAWARE	374,508	58	GEORGETOWN	35,260
2	WATERLOO	180,470	59	OHIO	34,121
3	YALE	180,163	60	CALIFORNIA, IRVINE	33,907
4	GEORGIA	161,183	61	MICHIGAN STATE	32,847
5	BRIGHAM YOUNG	138,172	62	VANDERBILT	32,671
6	CASE WESTERN RESERVE	136,128	63	COLORADO STATE	32,245
7	CHICAGO	135,798	64	COLORADO	31,903
8	MICHIGAN	134,362	65	OKLAHOMA	31,528
9	TORONTO	134,006	66	BOSTON COLLEGE	31,328
10	COLUMBIA	107,984	67	JOHNS HOPKINS	30,661
11	TEXAS A&M	107,691	68	DARTMOUTH	29,934
12	VIRGINIA	101,201	69	YORK	29,813
13	PRINCETON	95,534	70	ILLINOIS, CHICAGO	28,776
14	PENNSYLVANIA STATE	94,929	71	HAWAII	28,685
15	WESTERN ONTARIO	92,700	72	IOWA STATE	28,620
16	MCGILL	78,339	73	GEORGE WASHINGTON	27,928
17	KANSAS	75,980	74	OKLAHOMA STATE	27,469
18	NEW YORK	73,089	75	NORTH CAROLINA STATE	26,560
19	ILLINOIS, URBANA	70,124	76	VIRGINIA TECH	26,410
20	NORTH CAROLINA	69,102	77	QUEENS	26,355
21	OHIO STATE	68,746	78	WASHINGTON U-ST. LOUIS	26,144
22	LOUISIANA STATE	67,754	79	CALIFORNIA, SANTA BARBARA	24,639
23	DUKE	66,344	80	NEW MEXICO	24,136
24	HOUSTON	65,962	81	ALABAMA	22,903
25	WASHINGTON	62,616	82	MIT	22,899
26	TEMPLE	62,027	83	SASKATCHEWAN	22,471
27	ARIZONA STATE	61,036	84	ROCHESTER	22,172
28	INDIANA	59,972	85	CONNECTICUT	21,740
29	TEXAS	59,852	86	OREGON	21,613
30	KENTUCKY	59,041	87	SOUTH CAROLINA	21,300
31	WISCONSIN	57,383	88	SYRACUSE	17,998
32	CALIFORNIA, LOS ANGELES	57,260	89	WASHINGTON STATE	17,719
33	BROWN	51,967	90	SUNY-ALBANY	17,475
34	MONTREAL	51,742	91	PURDUE	16,809
35	FLORIDA	51,053	92	AUBURN	16,548
36	CALIFORNIA, RIVERSIDE	47,706	93	WAYNE STATE	16,271
37	RUTGERS	47,436	94	MASSACHUSETTS	16,226
38	EMORY	47,005	95	NEBRASKA	15,233
39	IOWA	46,293	96	BOSTON	14,514
40	SOUTHERN CALIFORNIA	45,731	97	KENT STATE	12,338
41	MARYLAND	45,368	98	SOUTHERN ILLINOIS	11,717
42	NOTRE DAME	45,192	99	LOUISVILLE	10,562
43	FLORIDA STATE	44,117	100	SUNY-STONY BROOK	10,298
44	MINNESOTA	43,049	101	GEORGIA TECH	7,460
45	NORTHWESTERN	42,066	102	HOWARD	2,985
46	CALIFORNIA, SAN DIEGO	41,290		ALBERTA	UA/NA
47	CINCINNATI	40,340		BRITISH COLUMBIA	UA/NA
48	MISSOURI	39,239		CALIFORNIA, BERKELEY	UA/NA
49	TULANE	38,966		CALIFORNIA, DAVIS	UA/NA
50	MIAMI	38,779		CORNELL	UA/NA
51	ARIZONA	38,670		GUELPH	UA/NA
52	TEXAS TECH	37,790		HARVARD	UA/NA
53	MANITOBA	37,773		MCMASTER	UA/NA
54	SUNY-BUFFALO	37,565		PENNSYLVANIA	UA/NA
55	LAVAL	37,034		PITTSBURGH	UA/NA
56	TENNESSEE	35,889		UTAH	UA/NA
57	RICE	35,828			

**RANK ORDER TABLE 11: EXPENDITURES FOR MONOGRAPHS**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	YALE	11,120,178	58	FLORIDA	1,986,941
2	HARVARD	10,599,472	59	TEXAS TECH	1,974,817
3	CALIFORNIA, BERKELEY	8,272,940	60	COLORADO	1,915,082
4	TORONTO	7,745,267	61	YORK	1,882,723
5	ALBERTA	6,683,100	62	DARTMOUTH	1,880,356
6	PRINCETON	6,599,603	63	PURDUE	1,822,280
7	CORNELL	6,336,853	64	MANITOBA	1,801,185
8	COLUMBIA	6,201,339	65	VANDERBILT	1,794,514
9	CALIFORNIA, LOS ANGELES	6,102,631	66	UTAH	1,768,644
10	TEXAS	5,909,468	67	HOUSTON	1,712,677
11	DUKE	5,810,298	68	IOWA STATE	1,701,393
12	MICHIGAN	5,790,683	69	VIRGINIA TECH	1,597,511
13	CHICAGO	5,739,091	70	HAWAII	1,562,869
14	EMORY	5,467,802	71	BOSTON COLLEGE	1,541,777
15	TEXAS A&M	4,988,224	72	BROWN	1,535,685
16	INDIANA	4,882,911	73	CALIFORNIA, RIVERSIDE	1,520,557
17	PENNSYLVANIA STATE	4,712,899	74	CALIFORNIA, SANTA BARBARA	1,518,430
18	NEW YORK	4,537,534	75	MIT	1,481,473
19	WASHINGTON	4,454,883	76	QUEENS	1,476,784
20	NOTRE DAME	4,219,144	77	MARYLAND	1,472,832
21	MCGILL	4,104,301	78	NORTH CAROLINA STATE	1,466,172
22	NORTHWESTERN	3,819,450	79	KENTUCKY	1,463,138
23	PENNSYLVANIA	3,469,083	80	TULANE	1,457,940
24	RICE	3,424,015	81	RUTGERS	1,448,843
25	MINNESOTA	3,410,483	82	ILLINOIS, CHICAGO	1,430,650
26	BRITISH COLUMBIA	3,223,971	83	COLORADO STATE	1,380,545
27	OKLAHOMA	3,186,570	84	OREGON	1,367,861
28	GEORGE WASHINGTON	3,167,254	85	GUELPH	1,287,233
29	NORTH CAROLINA	3,034,202	86	MISSOURI	1,258,392
30	PITTSBURGH	3,014,747	87	SOUTH CAROLINA	1,258,268
31	ARIZONA STATE	2,858,892	88	WASHINGTON U-ST. LOUIS	1,245,570
32	MIAMI	2,819,446	89	ALABAMA	1,215,438
33	OHIO STATE	2,800,330	90	OHIO	1,196,904
34	SOUTHERN CALIFORNIA	2,787,836	91	WAYNE STATE	1,138,986
35	SASKATCHEWAN	2,754,796	92	NEW MEXICO	1,134,913
36	CALIFORNIA, DAVIS	2,694,586	93	ROCHESTER	1,128,862
37	JOHNS HOPKINS	2,578,475	94	SYRACUSE	1,089,789
38	ARIZONA	2,573,806	95	FLORIDA STATE	1,079,302
39	CINCINNATI	2,540,500	96	WASHINGTON STATE	1,060,469
40	IOWA	2,523,428	97	MASSACHUSETTS	1,026,781
41	ILLINOIS, URBANA	2,509,280	98	WATERLOO	1,009,391
42	GEorgetown	2,458,166	99	SUNY-BUFFALO	1,000,850
43	TEMPLE	2,455,687	100	CONNECTICUT	990,011
44	LAVAL	2,382,243	101	MCMASTER	854,793
45	WISCONSIN	2,348,078	102	NEBRASKA	825,135
46	MICHIGAN STATE	2,281,288	103	SUNY-ALBANY	819,096
47	CALIFORNIA, IRVINE	2,257,999	104	GEORGIA TECH	784,565
48	DELAWARE	2,216,377	105	BOSTON	768,884
49	CALIFORNIA, SAN DIEGO	2,216,216	106	CASE WESTERN RESERVE	759,691
50	BRIGHAM YOUNG	2,205,611	107	AUBURN	759,395
51	GEORGIA	2,134,727	108	LOUISVILLE	739,989
52	LOUISIANA STATE	2,133,886	109	SOUTHERN ILLINOIS	721,286
53	TENNESSEE	2,118,762	110	KENT STATE	668,315
54	VIRGINIA	2,097,078	111	SUNY-STONY BROOK	655,405
55	MONTREAL	2,095,490	112	HOWARD	211,419
56	KANSAS	2,059,371		OKLAHOMA STATE	UA/NA
57	WESTERN ONTARIO	1,996,420			

**RANK ORDER TABLE 12: CURRENT SERIALS PURCHASED (TITLES)**

Rank	Institution	Value	Rank	Institution	Value
1	ILLINOIS, URBANA	98,511	58	KANSAS	34,138
2	COLUMBIA	86,802	59	SUNY-STONY BROOK	33,847
3	YALE	85,090	60	YORK	33,514
4	CALIFORNIA, BERKELEY	81,551	61	CALIFORNIA, DAVIS	33,390
5	LOUISIANA STATE	72,876	62	TEXAS	33,354
6	ARIZONA	72,710	63	COLORADO	33,342
7	BRITISH COLUMBIA	67,827	64	TULANE	33,307
8	CINCINNATI	67,409	65	QUEENS	33,113
9	SOUTHERN CALIFORNIA	66,328	66	VANDERBILT	32,912
10	ARIZONA STATE	65,586	67	CALIFORNIA, RIVERSIDE	32,557
11	OHIO STATE	59,839	68	ILLINOIS, CHICAGO	31,841
12	SUNY-BUFFALO	59,457	69	NEBRASKA	31,767
13	GEORGE WASHINGTON	58,795	70	ALBERTA	31,541
14	MIAMI	58,494	71	CALIFORNIA, IRVINE	31,395
15	TEXAS TECH	58,320	72	SOUTHERN ILLINOIS	30,924
16	FLORIDA	56,302	73	MCMASTER	30,870
17	PENNSYLVANIA STATE	56,007	74	NORTH CAROLINA	30,842
18	JOHNS HOPKINS	54,944	75	PURDUE	30,634
19	RICE	53,811	76	VIRGINIA TECH	30,576
20	MICHIGAN STATE	53,094	77	WAYNE STATE	29,246
21	NOTRE DAME	52,715	78	KENTUCKY	28,116
22	WESTERN ONTARIO	52,565	79	SUNY-ALBANY	27,988
23	MARYLAND	52,268	80	TENNESSEE	27,923
24	INDIANA	51,326	81	NEW MEXICO	26,834
25	GEORGIA	50,849	82	CALIFORNIA, SAN DIEGO	26,582
26	WISCONSIN	50,398	83	SASKATCHEWAN	26,420
27	MINNESOTA	50,238	84	OHIO	25,702
28	FLORIDA STATE	49,903	85	CONNECTICUT	24,477
29	CASE WESTERN RESERVE	48,726	86	LAVAL	24,293
30	GEORGETOWN	48,460	87	CALIFORNIA, SANTA BARBARA	24,198
31	DUKE	46,965	88	BOSTON COLLEGE	23,671
32	OREGON	46,903	89	NORTH CAROLINA STATE	20,827
33	DARTMOUTH	46,380	90	WATERLOO	20,738
34	BRIGHAM YOUNG	45,796	91	COLORADO STATE	20,366
35	MONTREAL	45,657	92	SYRACUSE	20,232
36	OKLAHOMA	45,523	93	MANITOBA	19,939
37	VIRGINIA	44,652	94	DELAWARE	16,918
38	MISSOURI	43,490	95	AUBURN	15,308
39	PITTSBURGH	43,243	96	HOWARD	13,442
40	BOSTON	42,924	97	GEORGIA TECH	12,755
41	MCGILL	42,493	98	MIT	11,791
42	IOWA STATE	41,833	99	KENT STATE	11,592
43	TEMPLE	41,687	100	GUELPH	11,287
44	IOWA	41,388	101	MASSACHUSETTS	9,757
45	NEW YORK	40,981		CALIFORNIA, LOS ANGELES	UA/NA
46	RUTGERS	40,777		CORNELL	UA/NA
47	PRINCETON	40,385		HARVARD	UA/NA
48	TORONTO	39,847		MICHIGAN	UA/NA
49	HOUSTON	39,382		NORTHWESTERN	UA/NA
50	LOUISVILLE	39,268		OKLAHOMA STATE	UA/NA
51	EMORY	39,113		PENNSYLVANIA	UA/NA
52	WASHINGTON U-ST. LOUIS	38,994		ROCHESTER	UA/NA
53	HAWAII	38,993		SOUTH CAROLINA	UA/NA
54	BROWN	36,678		UTAH	UA/NA
55	ALABAMA	36,110		WASHINGTON	UA/NA
56	CHICAGO	34,453		WASHINGTON STATE	UA/NA
57	TEXAS A&M	34,409			

**RANK ORDER TABLE 13: EXPENDITURES FOR CURRENT SERIALS**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	COLUMBIA	13,564,480	58	YALE	6,473,495
2	MICHIGAN	13,093,936	59	QUEENS	6,447,186
3	PENNSYLVANIA STATE	12,289,760	60	DARTMOUTH	6,421,756
4	WASHINGTON	11,353,616	61	MIT	6,407,523
5	ILLINOIS, URBANA	10,855,166	62	KENTUCKY	6,401,319
6	NEW YORK	10,796,144	63	WISCONSIN	6,360,140
7	TORONTO	10,693,042	64	CINCINNATI	6,292,494
8	BRITISH COLUMBIA	10,652,628	65	NORTH CAROLINA STATE	6,246,215
9	SASKATCHEWAN	10,634,265	66	NOTRE DAME	6,186,694
10	MINNESOTA	10,598,368	67	CALIFORNIA, SAN DIEGO	6,163,730
11	PENNSYLVANIA	10,583,510	68	CALIFORNIA, IRVINE	6,138,494
12	CHICAGO	10,390,999	69	HAWAII	6,037,397
13	TEXAS A&M	10,122,787	70	SOUTHERN ILLINOIS	5,978,520
14	CALIFORNIA, BERKELEY	10,103,565	71	SOUTHERN CALIFORNIA	5,960,394
15	MIAMI	10,043,269	72	TULANE	5,877,658
16	JOHNS HOPKINS	9,982,134	73	HOUSTON	5,842,031
17	DUKE	9,745,194	74	SOUTH CAROLINA	5,841,296
18	PITTSBURGH	9,475,124	75	MARYLAND	5,828,111
19	PRINCETON	9,298,538	76	KANSAS	5,816,294
20	IOWA	9,257,589	77	GEORGE WASHINGTON	5,750,402
21	TENNESSEE	9,122,294	78	ROCHESTER	5,619,179
22	VANDERBILT	9,117,340	79	RICE	5,618,451
23	HARVARD	9,075,380	80	UTAH	5,594,510
24	ALBERTA	8,906,549	81	VIRGINIA TECH	5,537,692
25	NORTH CAROLINA	8,887,542	82	ALABAMA	5,501,516
26	FLORIDA	8,809,701	83	LOUISVILLE	5,401,569
27	ARIZONA	8,802,183	84	SUNY-STONY BROOK	5,399,616
28	TEXAS	8,663,789	85	MCMASTER	5,399,365
29	WASHINGTON U-ST. LOUIS	8,505,527	86	BROWN	5,392,181
30	CALIFORNIA, LOS ANGELES	8,364,756	87	LOUISIANA STATE	5,364,761
31	WESTERN ONTARIO	8,285,448	88	DELAWARE	5,293,185
32	MONTREAL	8,249,669	89	WASHINGTON STATE	5,277,415
33	ARIZONA STATE	8,049,824	90	FLORIDA STATE	5,240,984
34	NORTHWESTERN	7,970,083	91	NEW MEXICO	5,197,173
35	GEORGIA	7,875,514	92	CASE WESTERN RESERVE	5,179,761
36	OHIO STATE	7,874,018	93	TEMPLE	5,077,877
37	CORNELL	7,830,051	94	NEBRASKA	5,069,291
38	OKLAHOMA	7,799,637	95	MANITOBA	4,991,317
39	MICHIGAN STATE	7,774,976	96	BOSTON COLLEGE	4,875,969
40	MCGILL	7,623,795	97	CALIFORNIA, DAVIS	4,849,663
41	INDIANA	7,520,163	98	SYRACUSE	4,834,979
42	TEXAS TECH	7,348,502	99	AUBURN	4,689,237
43	VIRGINIA	7,277,605	100	MASSACHUSETTS	4,629,601
44	RUTGERS	7,246,081	101	COLORADO STATE	4,376,765
45	BRIGHAM YOUNG	7,213,572	102	CALIFORNIA, RIVERSIDE	4,226,314
46	GEorgetown	7,179,747	103	SUNY-ALBANY	4,041,387
47	BOSTON	7,029,125	104	WATERLOO	3,967,937
48	IOWA STATE	6,976,459	105	CALIFORNIA, SANTA BARBARA	3,905,421
49	CONNECTICUT	6,937,606	106	OREGON	3,825,694
50	SUNY-BUFFALO	6,930,287	107	GEORGIA TECH	3,737,606
51	PURDUE	6,788,802	108	OHIO	3,709,367
52	MISSOURI	6,702,693	109	ILLINOIS, CHICAGO	3,634,804
53	YORK	6,654,667	110	GUELPH	3,354,670
54	LAVAL	6,634,782	111	KENT STATE	3,205,844
55	COLORADO	6,604,569	112	HOWARD	3,123,358
56	EMORY	6,569,913		OKLAHOMA STATE	UA/NA
57	WAYNE STATE	6,516,900			

**RANK ORDER TABLE 14: TOTAL ITEMS LOANED (ILL/DD)**

Rank	Institution	Value	Rank	Institution	Value
1	MINNESOTA	173,771	58	OKLAHOMA STATE	35,209
2	OHIO STATE	152,739	59	SUNY-BUFFALO	33,981
3	ILLINOIS, URBANA	99,036	60	DARTMOUTH	33,074
4	WISCONSIN	85,338	61	CALIFORNIA, SAN DIEGO	32,839
5	OHIO	79,529	62	TORONTO	31,444
6	WASHINGTON	75,124	63	IOWA STATE	31,218
7	OREGON	73,797	64	WAYNE STATE	30,955
8	PENNSYLVANIA	71,623	65	GEORGE WASHINGTON	30,919
9	COLORADO STATE	70,437	66	GEORGETOWN	30,763
10	ALBERTA	67,631	67	NEBRASKA	30,344
11	WATERLOO	64,683	68	KENTUCKY	30,284
12	IOWA	63,653	69	HOUSTON	29,516
13	PENNSYLVANIA STATE	63,285	70	NOTRE DAME	29,511
14	MICHIGAN	62,878	71	NEW YORK	28,429
15	PITTSBURGH	61,374	72	BRITISH COLUMBIA	28,417
16	CORNELL	59,522	73	ROCHESTER	27,813
17	SOUTHERN ILLINOIS	58,161	74	CALIFORNIA, IRVINE	27,369
18	CINCINNATI	56,645	75	VANDERBILT	27,306
19	MISSOURI	56,511	76	PURDUE	27,215
20	INDIANA	56,327	77	SUNY-STONY BROOK	27,189
21	NORTH CAROLINA	54,913	78	CALIFORNIA, DAVIS	25,276
22	KANSAS	54,848	79	BOSTON COLLEGE	23,956
23	COLUMBIA	53,879	80	MANITOBA	23,751
24	MICHIGAN STATE	53,011	81	MONTREAL	23,572
25	ILLINOIS, CHICAGO	52,461	82	CALIFORNIA, SANTA BARBARA	23,148
26	CALIFORNIA, LOS ANGELES	51,384	83	TEMPLE	22,901
27	ARIZONA	51,244	84	SOUTHERN CALIFORNIA	22,627
28	CHICAGO	50,335	85	CALIFORNIA, RIVERSIDE	22,247
29	ARIZONA STATE	49,386	86	WESTERN ONTARIO	21,852
30	COLORADO	49,368	87	VIRGINIA TECH	21,740
31	TEXAS A&M	49,344	88	NEW MEXICO	20,968
32	GUELPH	47,582	89	SOUTH CAROLINA	19,481
33	WASHINGTON STATE	46,738	90	BOSTON	19,083
34	TEXAS	45,773	91	SASKATCHEWAN	18,901
35	NORTHWESTERN	45,699	92	FLORIDA STATE	18,801
36	GEORGIA	45,237	93	QUEENS	18,195
37	CONNECTICUT	44,887	94	MIT	18,018
38	YALE	44,027	95	LAVAL	17,994
39	FLORIDA	43,860	96	DELAWARE	17,909
40	HARVARD	43,298	97	MCGILL	16,646
41	VIRGINIA	41,950	98	TULANE	16,214
42	MASSACHUSETTS	41,750	99	KENT STATE	16,080
43	MIAMI	41,646	100	MARYLAND	16,060
44	RUTGERS	41,311	101	YORK	15,714
45	BROWN	41,281	102	LOUISVILLE	15,635
46	WASHINGTON U-ST. LOUIS	41,083	103	RICE	15,383
47	CALIFORNIA, BERKELEY	40,348	104	MCMASTER	14,319
48	PRINCETON	40,211	105	AUBURN	13,672
49	OKLAHOMA	39,802	106	SYRACUSE	13,548
50	CASE WESTERN RESERVE	39,281	107	SUNY-ALBANY	13,300
51	UTAH	39,171	108	NORTH CAROLINA STATE	13,247
52	JOHNS HOPKINS	38,984	109	ALABAMA	11,332
53	TEXAS TECH	37,827	110	GEORGIA TECH	10,275
54	DUKE	37,021	111	HOWARD	7,747
55	TENNESSEE	36,920	112	LOUISIANA STATE	7,496
56	EMORY	36,381	113	HAWAII	5,038
57	BRIGHAM YOUNG	35,838			

**RANK ORDER TABLE 15: TOTAL ITEMS BORROWED (ILL/DD)**

Rank	Institution	Value	Rank	Institution	Value
1	WISCONSIN	89,193	58	TENNESSEE	26,296
2	ILLINOIS, URBANA	85,295	59	DUKE	25,535
3	PENNSYLVANIA	82,189	60	FLORIDA	24,406
4	OHIO STATE	71,986	61	PITTSBURGH	23,880
5	INDIANA	63,443	62	MANITOBA	23,588
6	GUELPH	63,140	63	DELAWARE	23,302
7	COLORADO STATE	61,250	64	BRITISH COLUMBIA	23,269
8	OREGON	59,316	65	IOWA	23,254
9	WASHINGTON	58,761	66	ROCHESTER	22,727
10	TEXAS A&M	55,383	67	HAWAII	22,595
11	PENNSYLVANIA STATE	54,930	68	VANDERBILT	22,443
12	GEORGE WASHINGTON	51,740	69	NEBRASKA	22,440
13	OHIO	51,154	70	LOUISVILLE	22,392
14	COLUMBIA	50,344	71	WASHINGTON STATE	22,319
15	WATERLOO	48,204	72	SYRACUSE	22,283
16	MASSACHUSETTS	47,474	73	GEORGETOWN	22,201
17	WASHINGTON U-ST. LOUIS	46,627	74	KENTUCKY	22,111
18	PRINCETON	46,196	75	EMORY	21,912
19	CINCINNATI	45,461	76	VIRGINIA TECH	21,565
20	KANSAS	43,207	77	CALIFORNIA, BERKELEY	21,414
21	MINNESOTA	41,713	78	CHICAGO	21,301
22	ILLINOIS, CHICAGO	40,925	79	MONTREAL	20,784
23	MARYLAND	39,693	80	HOUSTON	20,617
24	ARIZONA STATE	37,784	81	TEMPLE	19,376
25	BROWN	37,736	82	SASKATCHEWAN	19,263
26	SOUTHERN ILLINOIS	37,623	83	SUNY-BUFFALO	19,109
27	CASE WESTERN RESERVE	37,425	84	NOTRE DAME	18,246
28	BRIGHAM YOUNG	36,731	85	SOUTH CAROLINA	18,103
29	YALE	36,153	86	SUNY-ALBANY	18,037
30	MICHIGAN STATE	36,082	87	BOSTON COLLEGE	17,745
31	TEXAS TECH	36,008	88	OKLAHOMA STATE	17,720
32	MICHIGAN	35,353	89	CALIFORNIA, RIVERSIDE	17,432
33	CALIFORNIA, SANTA BARBARA	35,036	90	SOUTHERN CALIFORNIA	17,423
34	MISSOURI	34,945	91	LOUISIANA STATE	16,759
35	WAYNE STATE	33,983	92	MCGILL	16,714
36	CORNELL	33,960	93	HARVARD	16,620
37	CONNECTICUT	33,478	94	MIT	15,853
38	ALBERTA	33,470	95	IOWA STATE	15,829
39	CALIFORNIA, LOS ANGELES	32,441	96	FLORIDA STATE	15,273
40	ARIZONA	31,724	97	NORTH CAROLINA	14,136
41	JOHNS HOPKINS	31,429	98	SUNY-STONY BROOK	13,718
42	TEXAS	31,112	99	ALABAMA	13,715
43	OKLAHOMA	31,107	100	MCMASTER	13,618
44	DARTMOUTH	30,340	101	MIAMI	13,301
45	NEW YORK	30,284	102	LAVAL	12,756
46	UTAH	29,522	103	GEORGIA TECH	12,748
47	COLORADO	29,487	104	QUEENS	11,507
48	CALIFORNIA, IRVINE	28,994	105	TORONTO	11,113
49	BOSTON	28,548	106	TULANE	9,609
50	CALIFORNIA, SAN DIEGO	28,467	107	RICE	9,372
51	VIRGINIA	28,459	108	KENT STATE	8,696
52	PURDUE	28,447	109	AUBURN	8,557
53	NORTHWESTERN	28,362	110	GEORGIA	7,679
54	NEW MEXICO	28,351	111	WESTERN ONTARIO	7,519
55	RUTGERS	28,070	112	YORK	5,129
56	CALIFORNIA, DAVIS	27,715	113	HOWARD	3,114
57	NORTH CAROLINA STATE	26,813			

**RANK ORDER TABLE 16: PROFESSIONAL STAFF (FTE)**

Rank	Institution	Value	Rank	Institution	Value
1	HARVARD	569	58	MICHIGAN STATE	84
2	COLUMBIA	328	59	GEORGIA	79
3	YALE	275	60	TEMPLE	77
4	CALIFORNIA, BERKELEY	247	61	BOSTON COLLEGE	75
5	WISCONSIN	221	61	BROWN	75
6	ILLINOIS, URBANA	205	61	UTAH	75
7	WASHINGTON	190	64	CALIFORNIA, IRVINE	74
8	TORONTO	187	64	GEORGE WASHINGTON	74
9	DUKE	180	66	ILLINOIS, CHICAGO	73
10	CALIFORNIA, LOS ANGELES	169	66	PURDUE	73
11	INDIANA	163	66	SOUTH CAROLINA	73
12	MICHIGAN	162	69	ALABAMA	71
13	NORTH CAROLINA	156	70	NEW MEXICO	70
13	PENNSYLVANIA STATE	156	70	OREGON	70
15	MARYLAND	145	70	WESTERN ONTARIO	70
15	TEXAS	145	73	NOTRE DAME	69
17	OHIO STATE	141	74	FLORIDA STATE	68
18	PRINCETON	140	75	CHICAGO	67
19	JOHNS HOPKINS	139	75	SYRACUSE	67
20	TEXAS A&M	133	77	MCGILL	65
21	PENNSYLVANIA	125	78	MANITOBA	64
22	PITTSBURGH	122	78	OHIO	64
23	BRIGHAM YOUNG	120	78	OKLAHOMA STATE	64
23	NEW YORK	120	81	CASE WESTERN RESERVE	63
25	NORTH CAROLINA STATE	118	81	SUNY-ALBANY	63
26	CORNELL	117	83	DARTMOUTH	61
27	SOUTHERN CALIFORNIA	115	84	DELAWARE	60
27	SUNY-BUFFALO	115	84	HOUSTON	60
29	BRITISH COLUMBIA	114	84	MISSOURI	60
29	NORTHWESTERN	114	84	RICE	60
31	VANDERBILT	108	84	YORK	60
32	MINNESOTA	107	89	CALIFORNIA, DAVIS	59
32	MONTREAL	107	89	LAVAL	59
34	ARIZONA	105	89	OKLAHOMA	59
35	KANSAS	103	92	MASSACHUSETTS	58
35	RUTGERS	103	92	SASKATCHEWAN	58
37	EMORY	102	94	KENT STATE	56
37	FLORIDA	102	95	COLORADO	54
39	BOSTON	100	95	LOUISVILLE	54
39	CALIFORNIA, SAN DIEGO	100	97	LOUISIANA STATE	53
41	MIT	99	97	NEBRASKA	53
42	CINCINNATI	97	97	WASHINGTON STATE	53
42	WAYNE STATE	97	100	IOWA STATE	52
44	TEXAS TECH	96	101	HOWARD	51
45	IOWA	95	102	SOUTHERN ILLINOIS	50
46	VIRGINIA	94	103	GEORGIA TECH	49
47	ARIZONA STATE	93	104	COLORADO STATE	48
47	KENTUCKY	93	105	AUBURN	47
47	WASHINGTON U-ST. LOUIS	93	105	CALIFORNIA, SANTA BARBARA	47
50	ROCHESTER	92	107	TULANE	46
50	SUNY-STONY BROOK	92	108	GUELPH	45
52	GEORGETOWN	91	109	QUEENS	43
53	CONNECTICUT	90	110	CALIFORNIA, RIVERSIDE	41
53	HAWAII	90	111	MCMASTER	38
55	MIAMI	89	112	WATERLOO	37
56	TENNESSEE	87	113	VIRGINIA TECH	36
57	ALBERTA	85			

**RANK ORDER TABLE 17: SUPPORT STAFF (FTE)**

Rank	Institution	Value	Rank	Institution	Value
1	HARVARD	580	58	WASHINGTON U-ST. LOUIS	117
2	PENNSYLVANIA STATE	388	58	DARTMOUTH	117
3	YALE	372	58	MISSOURI	117
4	TORONTO	340	61	ILLINOIS, CHICAGO	114
5	MICHIGAN	323	61	YORK	114
6	CORNELL	313	61	CALIFORNIA, RIVERSIDE	114
7	TEXAS	308	64	GEORGETOWN	111
8	CALIFORNIA, LOS ANGELES	290	65	MARYLAND	110
9	MONTREAL	271	65	KANSAS	110
10	COLUMBIA	244	65	NEBRASKA	110
11	RUTGERS	235	68	WESTERN ONTARIO	109
12	NEW YORK	232	68	DELAWARE	109
13	PRINCETON	217	68	COLORADO	109
14	VIRGINIA	213	71	VANDERBILT	108
14	ALBERTA	213	72	NORTH CAROLINA STATE	106
16	MINNESOTA	212	72	QUEENS	106
17	WASHINGTON	208	74	SOUTH CAROLINA	104
18	NORTH CAROLINA	205	75	SASKATCHEWAN	102
19	ILLINOIS, URBANA	204	76	BOSTON	100
20	ARIZONA STATE	199	76	BROWN	100
21	CALIFORNIA, BERKELEY	198	76	LOUISIANA STATE	100
22	FLORIDA	193	79	OKLAHOMA	98
22	UTAH	193	80	HAWAII	97
24	CHICAGO	192	80	TEMPLE	97
25	CALIFORNIA, SAN DIEGO	186	80	MCMASTER	97
26	BRITISH COLUMBIA	183	83	WATERLOO	96
26	GEORGIA	183	84	MIT	94
28	INDIANA	182	85	HOUSTON	91
29	PITTSBURGH	174	86	LOUISVILLE	90
30	WISCONSIN	170	86	IOWA STATE	90
31	PENNSYLVANIA	167	86	VIRGINIA TECH	90
32	ARIZONA	158	89	SOUTHERN ILLINOIS	89
32	NOTRE DAME	158	90	WAYNE STATE	86
34	LAVAL	157	91	OREGON	85
35	EMORY	156	92	WASHINGTON STATE	84
36	OHIO STATE	154	93	ALABAMA	80
37	DUKE	153	93	TULANE	80
38	MCGILL	152	95	OKLAHOMA STATE	79
39	MANITOBA	147	96	BOSTON COLLEGE	77
40	CALIFORNIA, DAVIS	144	97	CONNECTICUT	76
41	NEW MEXICO	142	98	SUNY-BUFFALO	73
42	CALIFORNIA, SANTA BARBARA	140	98	MASSACHUSETTS	73
43	NORTHWESTERN	139	98	GUELPH	73
44	SOUTHERN CALIFORNIA	137	101	GEORGIA TECH	71
44	SYRACUSE	137	102	SUNY-ALBANY	66
46	JOHNS HOPKINS	135	102	HOWARD	66
46	TENNESSEE	135	104	ROCHESTER	64
48	TEXAS A&M	133	105	OHIO	63
49	GEORGE WASHINGTON	130	106	BRIGHAM YOUNG	59
50	CALIFORNIA, IRVINE	129	106	COLORADO STATE	59
51	IOWA	127	108	CINCINNATI	57
52	MIAMI	126	108	RICE	57
53	FLORIDA STATE	125	110	AUBURN	51
54	KENTUCKY	124	111	CASE WESTERN RESERVE	44
55	TEXAS TECH	123	112	KENT STATE	36
55	MICHIGAN STATE	123	113	SUNY-STONY BROOK	26
57	PURDUE	119			

**RANK ORDER TABLE 18: TOTAL STAFF (FTE)**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	1,277	58	WAYNE STATE	261
2	COLUMBIA	716	59	MIAMI	259
3	YALE	705	60	SUNY-BUFFALO	257
4	TORONTO	670	61	HAWAII	255
5	WISCONSIN	643	62	CALIFORNIA, IRVINE	253
6	PENNSYLVANIA STATE	622	63	MCGILL	249
7	CALIFORNIA, LOS ANGELES	606	64	PURDUE	248
8	MICHIGAN	585	64	VANDERBILT	248
9	CALIFORNIA, BERKELEY	584	66	GEORGETOWN	247
10	TEXAS	551	67	MANITOBA	234
11	CORNELL	548	67	YORK	234
12	ILLINOIS, URBANA	533	69	OKLAHOMA	233
13	WASHINGTON	513	70	SYRACUSE	232
14	INDIANA	483	71	CALIFORNIA, SANTA BARBARA	230
15	NORTH CAROLINA	446	71	LAVAL	230
16	NEW YORK	443	73	TEMPLE	227
17	FLORIDA	426	74	ROCHESTER	216
18	OHIO STATE	423	75	MISSOURI	214
19	RUTGERS	415	76	ILLINOIS, CHICAGO	213
20	PENNSYLVANIA	414	76	OKLAHOMA STATE	213
21	MINNESOTA	402	76	OREGON	213
22	PRINCETON	400	79	CONNECTICUT	212
23	MONTREAL	391	80	MIT	210
24	BRIGHAM YOUNG	389	81	BROWN	208
25	SOUTHERN CALIFORNIA	386	81	COLORADO	208
26	DUKE	371	83	ALABAMA	207
26	VIRGINIA	371	84	DARTMOUTH	206
28	PITTSBURGH	363	84	DELAWARE	206
29	UTAH	358	86	CINCINNATI	205
30	CALIFORNIA, SAN DIEGO	357	87	NEBRASKA	202
31	TEXAS A&M	350	87	SOUTHERN ILLINOIS	202
32	ARIZONA STATE	338	89	BOSTON COLLEGE	200
33	NORTHWESTERN	336	89	HOUSTON	200
34	ALBERTA	333	91	WESTERN ONTARIO	194
34	BRITISH COLUMBIA	333	92	LOUISIANA STATE	192
36	ARIZONA	332	93	LOUISVILLE	190
37	CHICAGO	320	94	CALIFORNIA, RIVERSIDE	189
38	JOHNS HOPKINS	319	95	MASSACHUSETTS	183
39	TEXAS TECH	309	96	IOWA STATE	178
40	EMORY	307	96	WATERLOO	178
41	MARYLAND	304	98	SASKATCHEWAN	177
42	GEORGIA	303	99	OHIO	176
43	MICHIGAN STATE	296	100	WASHINGTON STATE	172
44	BOSTON	289	101	HOWARD	166
44	FLORIDA STATE	289	102	QUEENS	165
46	IOWA	283	103	SUNY-ALBANY	163
47	KENT STATE	282	104	MCMASTER	160
48	KANSAS	281	104	VIRGINIA TECH	160
49	GEORGE WASHINGTON	279	106	SUNY-STONY BROOK	155
50	SOUTH CAROLINA	278	107	TULANE	150
51	KENTUCKY	277	108	GUELPH	146
52	CALIFORNIA, DAVIS	273	109	CASE WESTERN RESERVE	137
52	TENNESSEE	273	110	COLORADO STATE	134
54	WASHINGTON U-ST. LOUIS	269	111	RICE	129
55	NORTH CAROLINA STATE	268	112	AUBURN	128
56	NEW MEXICO	266	113	GEORGIA TECH	127
57	NOTRE DAME	263			

**RANK ORDER TABLE 19: EXPENDITURES FOR ELECTRONIC RESOURCES**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	COLUMBIA	9,724,550	58	CALIFORNIA, SAN DIEGO	4,546,068
2	PENNSYLVANIA STATE	9,448,072	59	CALIFORNIA, IRVINE	4,501,557
3	TEXAS	8,976,961	60	VIRGINIA	4,476,702
4	PITTSBURGH	8,829,087	61	CALIFORNIA, LOS ANGELES	4,352,521
5	TEXAS A&M	8,286,341	62	MIT	4,256,392
6	ALBERTA	8,266,559	63	YORK	4,141,115
7	NEW YORK	7,903,569	64	SOUTH CAROLINA	4,078,816
8	MCGILL	7,486,616	65	EMORY	3,995,020
9	JOHNS HOPKINS	7,387,579	66	GEORGETOWN	3,979,582
10	MIAMI	7,323,132	67	NEW MEXICO	3,928,276
11	BRITISH COLUMBIA	7,027,578	68	HAWAII	3,926,834
12	YALE	6,991,200	69	GEORGIA TECH	3,921,119
13	VANDERBILT	6,954,968	70	RICE	3,855,869
14	WASHINGTON	6,818,776	71	OKLAHOMA	3,836,788
15	DUKE	6,758,268	72	CALIFORNIA, DAVIS	3,822,482
16	SOUTHERN CALIFORNIA	6,739,328	73	MANITOBA	3,786,258
17	PRINCETON	6,721,402	74	KENTUCKY	3,779,661
18	HARVARD	6,681,995	75	COLORADO STATE	3,729,828
19	ARIZONA	6,592,104	76	RUTGERS	3,721,706
20	TEMPLE	6,542,673	77	GEORGE WASHINGTON	3,660,783
21	PURDUE	6,516,459	78	NORTH CAROLINA	3,624,155
22	WAYNE STATE	6,486,741	79	WASHINGTON STATE	3,617,120
23	MINNESOTA	6,445,354	80	NORTH CAROLINA STATE	3,580,379
24	NORTHWESTERN	6,424,824	81	AUBURN	3,568,035
25	SASKATCHEWAN	6,369,649	82	LOUISIANA STATE	3,510,904
26	ARIZONA STATE	6,268,359	83	BROWN	3,499,893
27	WESTERN ONTARIO	6,186,010	84	ALABAMA	3,487,313
28	CORNELL	6,080,535	85	WATERLOO	3,481,318
29	GEORGIA	5,947,356	86	TORONTO	3,460,817
30	MICHIGAN	5,854,769	87	SUNY-STONY BROOK	3,438,908
31	INDIANA	5,780,889	88	SYRACUSE	3,350,462
32	IOWA STATE	5,767,659	89	GUELPH	3,344,765
33	COLORADO	5,611,532	90	ILLINOIS, CHICAGO	3,341,687
34	IOWA	5,590,482	91	SOUTHERN ILLINOIS	3,317,029
35	PENNSYLVANIA	5,558,118	92	BOSTON COLLEGE	3,271,201
36	MICHIGAN STATE	5,438,142	93	CASE WESTERN RESERVE	3,209,445
37	CHICAGO	5,412,597	94	MASSACHUSETTS	3,172,310
38	MISSOURI	5,388,693	95	TULANE	3,144,786
39	ILLINOIS, URBANA	5,369,858	96	TEXAS TECH	3,131,537
40	CALIFORNIA, BERKELEY	5,255,796	97	ROCHESTER	3,079,015
41	NOTRE DAME	5,238,495	98	KANSAS	2,802,454
42	MONTRÉAL	5,228,750	99	BRIGHAM YOUNG	2,678,255
43	MCMASTER	5,218,594	100	LOUISVILLE	2,678,145
44	CINCINNATI	5,178,257	101	HOUSTON	2,675,759
45	TENNESSEE	5,173,801	102	OHIO	2,667,677
46	CONNECTICUT	5,172,502	103	CALIFORNIA, SANTA BARBARA	2,637,746
47	SUNY-BUFFALO	5,113,830	104	OREGON	2,418,763
48	OHIO STATE	5,111,173	105	BOSTON	2,271,508
49	QUEENS	5,095,166	106	NEBRASKA	2,200,652
50	WISCONSIN	5,094,585	107	CALIFORNIA, RIVERSIDE	2,082,581
51	WASHINGTON U-ST. LOUIS	5,019,863	108	MARYLAND	1,902,017
52	DELAWARE	4,951,459	109	HOWARD	1,766,872
53	FLORIDA	4,940,171	110	KENT STATE	1,712,483
54	DARTMOUTH	4,818,286	111	SUNY-ALBANY	1,656,225
55	VIRGINIA TECH	4,724,622	112	UTAH	1,337,771
56	LAVAL	4,694,716		OKLAHOMA STATE	UA/NA
57	FLORIDA STATE	4,627,530			

**RANK ORDER TABLE 20: ELECTRONIC RESOURCES AS A PERCENTAGE OF TOTAL LIBRARY MATERIALS**

RANK	INSTITUTION	VALUE
1	WAYNE STATE	77.74
2	MCMASTER	74.35
3	SOUTHERN CALIFORNIA	73.83
4	FLORIDA STATE	67.65
5	GEORGIA TECH	66.31
6	PURDUE	64.69
7	AUBURN	64.36
8	MISSOURI	64.23
9	IOWA STATE	62.39
10	VANDERBILT	62.34
11	VIRGINIA TECH	62.23
12	GUELPH	61.84
13	SUNY-BUFFALO	61.76
14	MCGILL	61.50
15	PITTSBURGH	61.15
16	WESTERN ONTARIO	60.16
17	QUEENS	59.89
18	COLORADO STATE	59.40
19	DELAWARE	59.09
20	WATERLOO	58.73
21	COLORADO	58.25
22	TEMPLE	58.11
23	CONNECTICUT	58.00
24	DARTMOUTH	57.36
25	WASHINGTON STATE	55.97
26	NEW MEXICO	55.47
27	SOUTH CAROLINA	55.09
28	MASSACHUSETTS	54.18
29	CINCINNATI	53.94
30	CALIFORNIA, SAN DIEGO	53.47
31	TEXAS A&M	53.44
32	MIAMI	52.96
33	MANITOBA	52.72
34	ARIZONA	52.43
35	CALIFORNIA, IRVINE	52.16
36	JOHNS HOPKINS	52.04
37	SYRACUSE	51.88
38	MIT	51.73
39	PENNSYLVANIA STATE	51.61
40	SUNY-STONY BROOK	51.56
41	MICHIGAN STATE	51.49
42	ARIZONA STATE	51.41
43	LAVAL	50.89
44	CASE WESTERN RESERVE	50.68
45	ALBERTA	50.62
46	GEORGIA	50.32
47	TEXAS	50.30
48	OHIO	50.01
49	HAWAII	49.97
50	NOTRE DAME	49.91
51	HOWARD	49.86
52	NORTHWESTERN	49.76
53	MONTREAL	49.64
54	ALABAMA	49.59
55	CALIFORNIA, SANTA BARBARA	48.63
56	NEW YORK	48.19
57	YORK	47.17
58	BRITISH COLUMBIA	46.95
59	SASKATCHEWAN	46.94
60	SOUTHERN ILLINOIS	46.57
61	LOUISIANA STATE	46.14
62	WASHINGTON U-ST. LOUIS	45.55
63	WISCONSIN	45.32
64	OHIO STATE	44.64
65	KENT STATE	44.20
66	INDIANA	43.72
67	COLUMBIA	43.71
68	CALIFORNIA, DAVIS	43.48
69	ROCHESTER	42.97
70	IOWA	42.92
71	TENNESSEE	42.87
72	BROWN	42.58
73	LOUISVILLE	42.29
74	WASHINGTON	42.19
75	FLORIDA	41.71
76	VIRGINIA	41.48
77	MINNESOTA	41.06
78	CORNELL	40.50
79	DUKE	40.38
80	NORTH CAROLINA STATE	39.39
81	OREGON	39.27
82	ILLINOIS, CHICAGO	39.18
83	TULANE	39.09
84	RICE	38.99
85	BOSTON COLLEGE	38.56
86	PENNSYLVANIA	38.53
87	KENTUCKY	37.51
88	RUTGERS	36.96
89	ILLINOIS, URBANA	36.96
90	GEORGETOWN	36.81
91	PRINCETON	36.47
92	GEORGE WASHINGTON	36.13
93	NEBRASKA	35.34
94	CALIFORNIA, RIVERSIDE	33.72
95	CHICAGO	33.56
96	KANSAS	32.58
97	SUNY-ALBANY	32.26
98	HOUSTON	32.25
99	TEXAS TECH	30.70
100	OKLAHOMA	29.59
101	CALIFORNIA, LOS ANGELES	29.23
102	MICHIGAN	28.53
103	BOSTON	28.09
104	BRIGHAM YOUNG	27.91
105	CALIFORNIA, BERKELEY	26.66
106	EMORY	25.15
107	NORTH CAROLINA	24.91
108	HARVARD	22.52
109	YALE	20.60
110	MARYLAND	20.23
111	UTAH	17.74
112	TORONTO	15.41
	OKLAHOMA STATE	UA/NA

**RANK ORDER TABLE 21: LIBRARY INVESTMENT INDEX**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	5.8808	58	CINCINNATI	-0.2543
2	YALE	3.6516	59	NEW MEXICO	-0.3036
3	COLUMBIA	2.4354	60	TEMPLE	-0.3097
4	TORONTO	2.3607	61	OKLAHOMA	-0.3295
5	CALIFORNIA, BERKELEY	1.9287	62	KENTUCKY	-0.3490
6	MICHIGAN	1.7132	63	KANSAS	-0.3493
7	CALIFORNIA, LOS ANGELES	1.6848	64	CALIFORNIA, DAVIS	-0.3787
8	PENNSYLVANIA STATE	1.6097	65	SUNY-BUFFALO	-0.3807
9	TEXAS	1.2798	66	YORK	-0.3955
10	CORNELL	1.1437	67	SOUTH CAROLINA	-0.4084
11	NEW YORK	1.1199	68	CALIFORNIA, IRVINE	-0.4146
12	PRINCETON	1.1108	69	WAYNE STATE	-0.4542
13	ILLINOIS, URBANA	1.0868	70	COLORADO	-0.4655
14	WASHINGTON	1.0859	71	BROWN	-0.4867
15	WISCONSIN	1.0371	72	WESTERN ONTARIO	-0.4869
16	MINNESOTA	0.9149	73	ILLINOIS, CHICAGO	-0.4918
17	DUKE	0.7353	74	BOSTON	-0.4965
18	NORTH CAROLINA	0.6761	75	ROCHESTER	-0.5056
19	ALBERTA	0.6403	76	HAWAII	-0.5146
20	PENNSYLVANIA	0.6235	77	MANITOBA	-0.5251
21	EMORY	0.5649	78	BOSTON COLLEGE	-0.5311
22	INDIANA	0.5292	79	DARTMOUTH	-0.5389
23	SOUTHERN CALIFORNIA	0.5138	80	LAVAL	-0.5399
24	VIRGINIA	0.5037	81	IOWA STATE	-0.5410
25	BRITISH COLUMBIA	0.4912	82	DELAWARE	-0.5970
26	TEXAS A&M	0.4817	83	CALIFORNIA, SANTA BARBARA	-0.6103
27	OHIO STATE	0.4152	84	RICE	-0.6339
28	CHICAGO	0.4078	85	HOUSTON	-0.6382
29	JOHNS HOPKINS	0.4067	86	QUEENS	-0.6523
30	ARIZONA	0.2954	87	MISSOURI	-0.6568
31	PITTSBURGH	0.2883	88	SYRACUSE	-0.6623
32	RUTGERS	0.2627	89	OKLAHOMA STATE	-0.6953
33	MONTREAL	0.1155	90	LOUISVILLE	-0.6984
34	NORTHWESTERN	0.1102	91	ALABAMA	-0.7372
35	ARIZONA STATE	0.0989	92	FLORIDA STATE	-0.7548
36	MCGILL	0.0978	93	MASSACHUSETTS	-0.7779
37	CALIFORNIA, SAN DIEGO	0.0846	94	MCMASTER	-0.7834
38	FLORIDA	0.0707	95	CALIFORNIA, RIVERSIDE	-0.7860
39	WASHINGTON U-ST. LOUIS	0.0672	96	OREGON	-0.7884
40	IOWA	0.0581	97	LOUISIANA STATE	-0.7988
41	NORTH CAROLINA STATE	0.0363	98	SOUTHERN ILLINOIS	-0.8090
42	MIAMI	0.0263	99	WASHINGTON STATE	-0.8133
43	BRIGHAM YOUNG	-0.0688	100	NEBRASKA	-0.8134
44	CONNECTICUT	-0.0747	101	TULANE	-0.8283
45	VANDERBILT	-0.0847	102	SUNY-STONY BROOK	-0.8284
46	PURDUE	-0.1045	103	COLORADO STATE	-0.8472
47	MARYLAND	-0.1197	104	VIRGINIA TECH	-0.8613
48	GEORGETOWN	-0.1269	105	CASE WESTERN RESERVE	-0.8774
49	MICHIGAN STATE	-0.1323	106	WATERLOO	-0.8868
50	GEORGIA	-0.1679	107	AUBURN	-0.9344
51	MIT	-0.1832	108	GEORGIA TECH	-0.9620
52	UTAH	-0.1885	109	OHIO	-0.9678
53	TENNESSEE	-0.1950	110	GUELPH	-0.9793
54	NOTRE DAME	-0.2022	111	SUNY-ALBANY	-0.9795
55	GEORGE WASHINGTON	-0.2072	112	KENT STATE	-1.0556
56	SASKATCHEWAN	-0.2298	113	HOWARD	-1.1412
57	TEXAS TECH	-0.2525			

Ranking as of August 12, 2008.

# ARL STATISTICS QUESTIONNAIRE, 2006–2007

## INSTRUCTIONS FOR COMPLETING THE QUESTIONNAIRE

### General Instructions

Definitions of statistical categories can be found in NISO Z39.7-2004, *Information Services and Use: Metrics & Statistics for Libraries and Information Providers--Data Dictionary* (<http://www.niso.org/emetRICS/current/index.html>). ARL has been modifying the interpretation of the standard definitions to address questions posed by the library staff at various member institutions that complete the survey and with feedback from the ARL Statistics and Assessment Committee (<http://www.arl.org/stats/program/meeting.html>).

**Please do not use decimals.** All figures should be rounded to the nearest whole number.

**Please respond to every question.** If an exact figure cannot be provided, use NA/UA to indicate that the figure is either unavailable or not applicable. If the appropriate answer is zero or none, use 0.

Although the form allows for data to be entered from both main and branch campuses, an effort should be made to report figures for the main campus only. (The U.S. National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS) defines a **branch institution** as “a campus or site of an educational institution that is not temporary, is located in a community beyond a reasonable commuting distance from its parent institution, and offers organized programs of study, not just courses.”) If figures for libraries located at branch campuses are reported, please specify which branch libraries are included and which ones are excluded in the notes below.

A **branch library** is defined as an auxiliary library service outlet with quarters separate from the central library of an institution, which has a basic collection of books and other materials, a regular staffing level, and an established schedule. A branch library is administered either by the central library or (as in the case of some law and medical libraries) through the administrative structure of other units within the university. Departmental study/reading rooms are not included.

The questionnaire assumes a fiscal year ending **June 30, 2007**. If your fiscal year is different, please indicate this in the notes below by adjusting the reporting period.

**Footnotes.** Explanatory footnotes will be included with the published statistics. Provide any notes you may have in the footnotes area at the end of the survey. Reporting libraries are urged to record there any information that would clarify the figures submitted in that line, e.g., the inclusion and exclusion of branch campus libraries. Please make an effort to word your footnotes in a manner consistent with notes appearing in the published report, so that the ARL Office can interpret your footnotes correctly.

### Specific Instructions

**Question 1. Volumes in Library.** Use the ANSI/NISO Z39.7-2004 definition for **volume** as follows:

*a single physical unit of any printed, typewritten, handwritten, mimeographed, or processed work, distinguished from other units by a separate binding, encasement, portfolio, or other clear distinction, which has been cataloged, classified, and made ready for use, and which is typically the unit used to charge circulation transactions. Either a serial volume is bound, or it comprises the serial issues that would be bound together if the library bound all serials.*

Include duplicates and bound volumes of periodicals. For purposes of this questionnaire, unclassified bound serials arranged in alphabetical order are considered classified. Exclude microforms, maps, nonprint materials, and uncataloged items. If any of these items cannot be excluded, please provide an explanatory footnote

Include government document volumes that are accessible through the library's catalogs regardless of whether they are separately shelved. "Classified" includes documents arranged by Superintendent of Documents, CODOC, or similar numbers. "Cataloged" includes documents for which records are provided by the library or downloaded from other sources into the library's card or online catalogs. Documents should, to the extent possible, be counted as they would if they were in bound volumes (e.g., 12 issues of an annual serial would be one or two volumes). Title and piece counts should not be considered the same as volume counts. If a volume count has not been kept, it may be estimated through sampling a representative group of title records and determining the corresponding number of volumes, then extrapolating to the rest of the collection. As an alternative, an estimate may be made using the following formulae:

*52 documents pieces per foot  
10 "traditional" volumes per foot  
5.2 documents pieces per volume*

Include e-book units, as long as these e-books are owned or leased and have been cataloged by your library. Include electronic books purchased through vendors such as NetLibrary® or Books 24x7, and e-books that come as part of aggregate services. Include individual titles of e-book sets that are treated as individual reference sources. Include locally digitized electronic books and electronic theses and dissertations. Provide a footnote explaining how many e-books you are reporting, preferably by specifying the products and the number of titles in a note.

Include volumes purchased collectively where the cost is shared at the time of purchase.

If either formulas or sampling are used for deriving your count, please indicate in a footnote.

**Question 1b. Volumes Added.** Include only volumes cataloged, classified, and made ready for use. Include government documents if they have been included in the count of volumes on line 1a. Do not include as part of Volumes Added Gross any government documents or other collections (such as large gift collections or e-book packages) that were added to the collection as the result of a one time download or addition to the OPAC. Include these items in Volumes Held of the previous year (Line 1a) and provide a footnote explaining the revision of Line 1a.

**Question 2. Monographic Volumes Purchased.** Report number of volumes purchased; do not include volumes received or cataloged. Include all volumes for which an expenditure was made during 2006-07, including volumes paid for in advance but not received during the fiscal year. Include monographs in series and continuations. Include e-books that fit the NetLibrary® model, i.e., electronic manifestations of physical entities and / or units; provide a footnote explaining how many e-books you are reporting, preferably by specifying the products and the number of titles. If only number of titles purchased can be reported, please report the data and provide an explanatory footnote.

**Question 3: Basis of Volume Count.** A physical count is a piece count; a bibliographic count is a catalog record count.

**Questions 4-5. Serials.** Use the following definition for a serial:

*a publication in any medium issued in successive parts bearing numerical or chronological designations and intended to be continued indefinitely. This definition includes periodicals, newspapers, and annuals (reports, yearbooks, etc.); the journals, memoirs, proceedings, transactions, etc. of societies; and numbered monographic series.*

Report the total number of unique serial titles, NOT SUBSCRIPTIONS, that you currently acquire. Do not include duplicate counts of serial titles. To the extent possible, report all government document serials even if housed in a separate documents collection. Verify the inclusion or exclusion of document serials in Question 5. Exclude unnumbered monographic and publishers' series. Electronic serials acquired as part of a bundle or an aggregated package should be counted by title, even if they are not cataloged, as long as they are made accessible by the library.

**Question 4a. Serial titles currently purchased.** In the case of consortial agreements, count under 'serial titles currently purchased' those titles for which the library pays any amount from its budgeted expenditures. Include all titles that are part of bundles or aggregated packages, even if your library makes a partial payment for access to those titles. If a purchased title includes electronic access to the title, count that title ONLY ONCE (DEDUPED) as electronic only. If a database includes full-text and abstracted titles, the number of full-text titles can be counted.

**Question 4b. Serial titles: Not Purchased.** If serial titles have been purchased through a consortium whose budget is centrally funded and independent from the library's budget, these serials should be reported under 'serial titles currently received but not purchased.'

Report other titles that your library receives and does not pay for directly under 'serial titles received but not purchased.'

Record those serial titles received without purchase for whatever reason. If within a purchased or aggregated package it cannot be determined that some titles are not purchased, report all titles as purchased.

If separate counts of nonpurchased and purchased serial titles are not available, report only the total number of serial titles currently purchased and received on line 4, and report U/A for lines 4a and 4b.

**Question 6. Microforms.** Report the total number of physical units: reels of microfilm, microcards, and microprint and microfiche sheets. Include all government documents in microform; provide a footnote if documents are excluded.

**Question 7. Government documents.** Report the total number of physical units (pieces) of government documents in paper format that have not been counted elsewhere. Include local, state, national, and international documents; include documents purchased from a commercial source if shelved with separate documents collections and not counted above. Include serials and monographs. To estimate pieces from a measurement of linear feet, use the formula  $1\text{ foot} = 52\text{ pieces}$  and indicate in a footnote that the count is based on this estimate. Exclude microforms and nonprint formats such as maps or CD-ROMs. Adjust line 1a, i.e., last year's Volumes Held, and provide a footnote if you are adding records to the OPAC for government documents previously held but not counted as part of Volumes Held (line 1a).

**Question 8. Computer files.** Include the number of pieces of computer-readable disks, tapes, CD-ROMs, and similar machine-readable files comprising data or programs that are locally held as part of the library's collections available to library clients. Examples are U.S. Census data tapes, sample research software, locally-mounted databases, and reference tools on CD-ROM, tape or disk. Exclude bibliographic records used to manage the collection (i.e., the library's own catalog in machine-readable form), library system software, and microcomputer software used only by the library staff.

**Question 9. Manuscripts and archives.** Include both manuscripts and archives measured in linear feet.

**Question 10. Cartographic materials.** Include the numbers of pieces of two- and three-dimensional maps and globes. Include satellite and aerial photographs and images.

**Question 11. Graphic materials.** Include the number of pieces of prints, pictures, photographs, postcards, slides, transparencies, film strips, and the like.

**Question 12. Audio materials.** Include the number of pieces of audiocassettes, phonodiscs, audio compact discs, reel-to-reel tapes, and other sound recordings.

**Question 13. Film and video materials.** Include the number of pieces of motion pictures, videocassettes, video laser discs, and similar visual materials.

**Questions 14-20. Expenditures.** Report all expenditures of funds that come to the library from the regular institutional budget, and from sources such as research grants, special projects, gifts and endowments, and fees for service. (For question 17, include non-library funds; see instruction Q17.) Do not report encumbrances of funds that have not yet been expended. **Canadian libraries should report expenditures in Canadian dollars.** (For your information, if interested in determining figures in U.S. dollars, divide Canadian dollar amounts by 1.1323, the average monthly noon exchange rate published in the *Bank of Canada Review* for the period July 2006-June 2007.) **Please round figures to the nearest dollar.**

**Question 15a. Monographs.** Report expenditures for volumes purchased counted on line 2.

**Question 15b. Serial titles.** Report expenditures for serial titles counted on line 4a. Exclude unnumbered monographic and publishers' series, and encumbrances.

**Question 15c. Other library materials.** Include expenditures for all materials not reported in Questions 15a and 15b, e.g., backfiles of serials, charts and maps, audiovisual materials, manuscripts, etc. If expenditures for these materials are included in lines 15a and/or 15b and cannot be disaggregated, please report U/A and provide a footnote. Do not include encumbrances.

**Question 15d. Miscellaneous expenditures.** Include any other **materials funds expenditures** not included in questions 15a-c, e.g., expenditures for bibliographic utilities, literature searching, security devices, memberships for the purposes of publications, etc. Please list categories, with amounts, in a footnote. **Note:** If your library does not use materials funds for non-materials expenditures—i.e., if those expenditures are included in “Other Operating Expenditures”—**report 0, not U/A**, on line 15d.

**Question 16. Contract Binding.** Include only contract expenditures for binding done outside the library. If all binding is done in-house, state this fact and give in-house expenditures in a footnote; do not include personnel expenditures. (This figure should also be reported in the 2006-07 ARL Preservation Survey, question 7b.)

**Questions 17. Salaries and wages.** Exclude fringe benefits. If professional and support staff salaries cannot be separated, enter U/A, on lines 17a and 17b and enter total staff on line 17.

**Question 17c. Salaries and wages: Student Assistants.** Report 100% of student wages regardless of budgetary source of funds. Include federal and local funds for work study students.

**Question 19. Other operating expenditures.** Exclude expenditures for buildings, maintenance, and fringe benefits.

**Questions 21-25. Electronic expenditures.** These items are intended to indicate what portion of your institution's total library expenditures are dedicated to electronic resources and services. Please use the Footnotes to indicate any

electronic materials expenditures you believe not to be covered by these questions. *Many expenditures recorded in these questions should have been included in Question 20, total library expenditures.*

**Question 21. One-time electronic resource purchases.** Report expenditures that are not current serials (i.e. are non-subscription, one-time, or monographic in nature) for software and machine-readable materials considered part of the collections. Examples include periodical backfiles, literature collections, one-time costs for JSTOR membership, etc. Expenditures reported here may be derived from any of the following categories: Monographs (Q15a), Other Library Materials (Q15c), Miscellaneous (Q15d), or Other Operating Expenditures (Q19).

**Question 22. Ongoing electronic resource purchases.** Report subscription expenditures (or those which are expected to be ongoing commitments) for serial publications whose primary format is electronic and for online searches of remote databases such as OCLC FirstSearch, DIALOG, Lexis-Nexis, etc. Examples include paid subscriptions for electronic journals and indexes/abstracts available via the Internet, CD-ROM serials, and annual access fees for resources purchased on a "one-time" basis, such as literature collections, JSTOR membership, etc. Not all items whose expenditures are counted here will be included in Serial titles currently received (Question 4) or Serials Expenditures (Question 15b).

**Q23. Bibliographic Utilities, Networks, and Consortia.** Because it is increasingly common for ARL Libraries to enter into consortial arrangements to purchase access to electronic resources, both "Library" and "External" expenditure blanks and instructions are provided. Please use afootnote to describe expenditures that you believe are not covered by the question, or situations that do not seem to fit the instructions.

**Q23a. From internal library sources.** Report expenditures paid by the Library for services provided by national, regional, and local bibliographic utilities, networks, and consortia, such as OCLC and RLG, unless for user database access and subscriptions, which should be reported in Questions 21 or 22. Include only expenditures that are part of Other Operating Expenditures (Q19).

**Q23b. From external sources.** If your library receives access to computer files, electronic serials or search services through one or more centrally-funded system or consortial arrangements for which it does not pay fully and/or directly (for example, funding is provided by the state on behalf of all members), enter the amount paid by external bodies on its behalf. If the specific dollar amount is not known, but the total student FTE for the consortium and amount spent for the academic members are known, divide the overall amount spent by your institution's share of the total student FTE.

**Q24. Computer hardware and software.** Report expenditures from the library budget for computer hardware and software used to support library operations, whether purchased or leased, mainframe or microcomputer, and whether for staff or public use. Include expenditures for: maintenance; equipment used to run information service products when those expenditures can be separated from the price of the product; telecommunications infrastructure costs, such as wiring, hubs, routers, etc. Include only expenditures that are part of Other Operating Expenditures (Q19).

**Q25. Document Delivery/Interlibrary Loan.** Report expenditures for document delivery and interlibrary loan services (both borrowing and lending). Include fees paid for photocopies, costs of telefacsimile transmission, royalties and access fees paid to provide document delivery or interlibrary loan. Include fees paid to bibliographic utilities if the portion paid for interlibrary loan can be separately counted. Include only expenditures that are part of Miscellaneous Materials Expenditures (Q15d) or Other Operating Expenditures (Q19), and only for those ILL/DD programs with data recorded in Questions 34-35.

**Questions 26. Personnel.** Report the number of FTE (full-time equivalent) staff in filled positions, or positions that are only temporarily vacant. ARL defines temporarily vacant positions as positions that were vacated during the fiscal year for which ARL data were submitted, for which there is a firm intent to refill, and for which there are expenditures for

salaries reported on line 17.

Include cost recovery positions and staff hired for special projects and grants, but provide an explanatory footnote indicating the number of such staff. If such staff cannot be included, provide a footnote. To compute full-time equivalents of part-time employees and student assistants, take the total number of hours per week (or year) worked by part-time employees in each category and divide it by the number of hours considered by the reporting library to be a full-time work week (or year). **Round figures to the nearest whole numbers.**

**Question 26a. Professional Staff.** Since the criteria for determining professional status vary among libraries, there is no attempt to define the term "professional." Each library should report those staff members it considers professional, including, when appropriate, staff who are not librarians in the strict sense of the term, for example computer experts, systems analysts, or budget officers.

**Question 26b. Support Staff.** Report the total FTE (see instruction 26) of staff not included in 26a.

**Question 26c. Student Assistants.** Report the total FTE (see instruction Q26) of student assistants employed on an hourly basis whose wages are paid from funds under library control or from a budget other than the library's, including federal work-study programs. Exclude maintenance and custodial staff.

**Question 27. Number of staffed library service points.** Count the number of staffed public service points in the main library and in all branch libraries reported in this inventory, including reference desks, information desks, circulation, current periodicals, reserve rooms, reprographic services (if staffed as a public facility), etc. Report the number of designated locations, not the number of staff.

**Question 28. Number of weekly public service hours.** Report an unduplicated count of the total public service hours per typical full-service week (i.e., no holidays or other special accommodations) across both main library and branches using the following method (corresponds to IPEDS): If a library is open from 9:00 a.m. to 5:00 p.m. Monday through Friday, it should report 40 hours per week. If several of its branches are also open during these hours, the figure remains 40 hours per week. Should Branch A also be open one evening from 7:00 p.m. to 9:00 p.m., the total hours during which users can find service somewhere within the system becomes 42 hours per week. If Branch B is open the same hours on the same evening, the count is still 42, but if Branch B is open two hours on another evening, or remains open two hours later, the total is then 44 hours per week. **Exclude 24-hour unstaffed reserve or similar reading rooms.** The maximum total is 168 (i.e., a staffed reading room open 7 days per week, 24 hours per day).

**Questions 29–30. Instruction.** Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Questions 29 and 30. Please indicate if responses are based on sampling.

**Question 29. Presentations to Groups.** Report the total number of sessions during the year of presentations made as part of formal bibliographic instruction programs and through other planned class presentations, orientation sessions, and tours. If the library sponsors multi-session or credit courses that meet several times over the course of a semester, each session should be counted. Presentations to groups may be for either bibliographic instruction, cultural, recreational, or educational purposes. Presentations both on and off the premises should be included as long as they are sponsored by the library. Do not include meetings sponsored by other groups using library meeting rooms. Do not include training for library staff; the purpose of this question is to capture information about the services the library provides for its clientele. Please indicate if the figure is based on sampling.

**Question 30. Participants in Group Presentations.** Report the total number of participants in the presentations reported on line 29. For multi-session classes with a constant enrollment, count each person only once. Personal, one-to-one

instruction in the use of sources should be counted as reference transactions on line 31. Please indicate if the figure is based on sampling. Use a footnote to describe any special situations.

**Question 31. Reference Transactions.** Report the total number of reference transactions. A **reference transaction** is

*an information contact that involves the knowledge, use, recommendations, interpretation, or instruction in the use of one or more information sources by a member of the library staff. The term includes information and referral service. Information sources include (a) printed and nonprinted material; (b) machine-readable databases (including computer-assisted instruction); (c) the library's own catalogs and other holdings records; (d) other libraries and institutions through communication or referral; and (e) persons both inside and outside the library. When a staff member uses information gained from previous use of information sources to answer a question, the transaction is reported as a reference transaction even if the source is not consulted again.*

If a contact includes both reference and directional services, it should be reported as one reference transaction. Include virtual reference transactions (e.g., e-mail, WWW form, chat). Duration should not be an element in determining whether a transaction is a reference transaction. Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Question 31. Please indicate if the figure is based on sampling.

**EXCLUDE SIMPLE DIRECTIONAL QUESTIONS.** A directional transaction is an information contact that facilitates the logistical use of the library and that does not involve the knowledge, use, recommendations, interpretation, or instruction in the use of any information sources other than those that describe the library, such as schedules, floor plans, and handbooks.

**Questions 32-33. Circulation.** For Question 32, count the number of initial circulations during the fiscal year from the general collection for use usually (although not always) outside the library. Do not count renewals. Include circulations to and from remote storage facilities for library users (i.e., do not include transactions reflecting transfers or stages of technical processing). Count the total number of items lent, not the number of borrowers.

For Question 33, report total circulation for the fiscal year including initial transactions reported on line 32 and renewal transactions. Exclude reserve circulations; these are no longer reported.

**Questions 34-35. Interlibrary Loans.** Report the number of requests for material (both returnables and non-returnables) provided to other libraries on line 34 and the number of filled requests received from other libraries or providers on line 35. On both lines, include originals, photocopies, and materials sent by telefacsimile or other forms of electronic transmission. Include patron-initiated transactions. Exclude requests for materials locally owned and available on the shelves or electronically. Do not include transactions between libraries covered by this questionnaire.

**Questions 36. Ph.D. Degrees.** Report the number awarded during the 2006-07 fiscal year. Please note that only the number of Ph.D. degrees are to be counted. Statistics on all other advanced degrees (e.g., D.Ed., D.P.A., M.D., J.D.) should not be reported in this survey. If you are unable to provide a figure for Ph.D.s only, please add a footnote.

**Question 37. Ph.D. Fields.** For the purposes of this report, Ph.D. fields are defined as the specific discipline specialties enumerated in the U.S. Department of Education's Integrated Postsecondary Education Data System (IPEDS) "Completions" Survey. Although the IPEDS form requests figures for all doctoral degrees, only fields in which Ph.D.s are awarded should be reported on the ARL questionnaire. Any exceptions should be footnoted.

**Question 38. Instructional Faculty.** Instructional faculty are defined by the U.S. Dept. of Education as

*members of the instruction/research staff who are employed full-time as defined by the institution, including faculty with released time for research and faculty on sabbatical leave.*

Full-time counts generally exclude faculty who are employed to teach fewer than two semesters, three quarters, two trimesters, or two four-month sessions; replacements for faculty on sabbatical leave or leave without pay; faculty for preclinical and clinical medicine; faculty who are donating their services; faculty who are members of military organizations and paid on a different pay scale from civilian employees; academic officers, whose primary duties are administrative; and graduate students who assist in the instruction of courses. Please be sure the number reported, and the basis for counting, are consistent with those for 2005-06 (unless in previous years faculty were counted who should have been excluded according to the above definition). Please footnote any discrepancies.

**Questions 39-42. Enrollment.** U.S. libraries should use the Fall 2006 enrollment figures reported to the Department of Education on the Integrated Postsecondary Education Data System survey. Please check these figures against the enrollment figures reported to ARL last year to ensure consistency and accuracy. **Note:** In the past, the number of part-time students reported was FTE; the number now reported to IPEDS is a head count of part-time students. Canadian libraries should note that the category "graduate students" as reported here includes all post-baccalaureate students.

#### FOOTNOTES

Please consult the data entry Web interface ([www.arlstatistics.org](http://www.arlstatistics.org)) for a copy of last year's footnotes. These can be found under "Historical Data" by clicking a survey's arrow icon under the "View Summary" column and then selecting the "Footnotes" tab. Explanatory footnotes will be included with the published statistics. Reporting libraries are urged to record in the footnote section any information that would clarify the figures submitted, e.g., the inclusion and exclusion of branch campus libraries (see the "General Instructions" for definition of branch campus libraries). Please make an effort to word your footnotes in a manner consistent with notes appearing in the published report, so that the ARL Office can interpret your footnotes correctly.

Submit the completed questionnaire  
by **January 30, 2008.**

For assistance, please e-mail Martha Kyrillidou ([martha@arl.org](mailto:martha@arl.org)) or Mark Young ([stats-ra@arl.org](mailto:stats-ra@arl.org))  
Tel. (202) 296-2296.

**ARL STATISTICS 2006–2007**  
**WORKSHEET**

This worksheet is designed to help you plan your submission for the 2006-07 *ARL Statistics*. The figures on this worksheet should be similar to those in the "Summary" page of your web form, except in cases where data are unavailable. If an exact figure is unavailable, use "NA/UA". If the appropriate answer is zero or none, use "0."

Reporting Institution \_\_\_\_\_ Date Returned to ARL \_\_\_\_\_  
Report Prepared by (name) \_\_\_\_\_  
Title \_\_\_\_\_  
E-mail address \_\_\_\_\_ Phone number \_\_\_\_\_  
Contact person (if different) \_\_\_\_\_  
Title \_\_\_\_\_  
E-mail address \_\_\_\_\_ Phone number \_\_\_\_\_

**PAGE ONE – VOLUMES**

**1. Volumes held June 30, 2007 (1a + 1b)** (1) \_\_\_\_\_

1a. Volumes held June 30, 2006 (1a) \_\_\_\_\_

1b. Volumes added during the year (1b.i – 1b.ii) (1b) \_\_\_\_\_

(i) Volumes added – Gross (1b.i) \_\_\_\_\_

(ii) Volumes withdrawn during year (1b.ii) \_\_\_\_\_

**2. Number of monographic volumes purchased** (2) \_\_\_\_\_

**3. Basis of volume count is:** (3) \_\_\_\_\_ Physical  
\_\_\_\_\_ Bibliographic

**SERIALS**

**4. Total number of serial titles currently received, including periodicals (4.a + 4.b)**  
(4) \_\_\_\_\_

4a. Number of serial titles currently purchased (4a) \_\_\_\_\_

4a.i Electronic (4a.i) \_\_\_\_\_

4a.ii Print (and other format) serials purchased (4a.ii) \_\_\_\_\_

4b. Number of serial titles currently received but not purchased (4b) \_\_\_\_\_

4b.i Electronic (4b.i) \_\_\_\_\_

4b.ii Print (and other format) serial received (4b.ii) \_\_\_\_\_  
but not purchased

*(Exchanges, gifts, deposits, etc. See instructions.)*

**5. Government documents are included in count of Current Serials?** (5) \_\_\_\_\_ Yes \_\_\_\_\_ No

**OTHER LIBRARY MATERIALS**

**6. Microform units** (6) \_\_\_\_\_

**7. Government documents not counted elsewhere** (7) \_\_\_\_\_

**8. Computer files** (8) \_\_\_\_\_

**9. Manuscripts and archives (linear ft.)** (9) \_\_\_\_\_

**AUDIOVISUAL MATERIALS**

**10. Cartographic** (10) \_\_\_\_\_

**11. Graphic** (11) \_\_\_\_\_

**12. Audio** (12) \_\_\_\_\_

**13. Film and Video** (13) \_\_\_\_\_

**PAGE THREE – EXPENDITURES**

**14. Are the below figures reported in Canadian dollars?** (14) \_\_\_\_\_ Yes \_\_\_\_\_ No

**15. Total Library Materials Expenditures** ( $15a + 15b + 15c + 15d$ ) (15) \_\_\_\_\_

15a. Monographs (15a) \_\_\_\_\_

15b. Serial titles, including periodicals (15b) \_\_\_\_\_

15c. Other Library Materials (15c) \_\_\_\_\_

15d. Miscellaneous (15d) \_\_\_\_\_

**16. Contract binding** (16) \_\_\_\_\_

**17. Total Salaries and Wages** ( $17a + 17b + 17c$ ) (17) \_\_\_\_\_

17a. Professional staff (17a) \_\_\_\_\_

17b. Support staff (17b) \_\_\_\_\_

17c. Student assistants (17c) \_\_\_\_\_

**18. Fringe benefits are included in expenditures for salaries and wages?** (18) \_\_\_\_\_ Yes \_\_\_\_\_ No

**19. Other operating expenditures** (19) \_\_\_\_\_

**20. Total library expenditures** ( $15 + 16 + 17 + 19$ ) (20) \_\_\_\_\_

**ELECTRONIC MATERIALS EXPENDITURES**

**21. One-time electronic resource purchases** (21) \_\_\_\_\_

**22. Ongoing electronic resource purchases (e.g., subscriptions, annual license fees)** (22) \_\_\_\_\_

**23. Bibliographic Utilities, Networks, and Consortia**

23a. From internal library sources (23a) \_\_\_\_\_

23b. From external sources (23b) \_\_\_\_\_

**24. Computer hardware and software** (24) \_\_\_\_\_

**25. Document Delivery/Interlibrary Loan** (25) \_\_\_\_\_

**PAGE FOUR – PERSONNEL AND PUBLIC SERVICES**

**PERSONNEL** (*Round figures to nearest whole number.*)

**26. Total Staff FTE** (26a + 26b + 26c) (26) \_\_\_\_\_

26a. Professional staff, FTE (26a) \_\_\_\_\_

26b. Support staff, FTE (26b) \_\_\_\_\_

26c. Student assistants, FTE (26c) \_\_\_\_\_

**STAFFED SERVICE POINTS AND HOURS**

**27. Number of staffed library service points** (27) \_\_\_\_\_

**28. Number of weekly public service hours** (28) \_\_\_\_\_

**INSTRUCTION**

**29. Number of library presentations to groups** (29) \_\_\_\_\_

29a. Is the library presentations figure based on sampling? (29a) \_\_\_\_\_ Yes \_\_\_\_\_ No

**30. Number of total participants in group presentations reported in line 29** (30) \_\_\_\_\_

30a. Is the total participants in group presentations figure based on sampling? (30a) \_\_\_\_\_ Yes \_\_\_\_\_ No

**REFERENCE**

**31. Number of reference transactions** (31) \_\_\_\_\_

31a. Is the reference transactions figure based on sampling? (31a) \_\_\_\_\_ Yes \_\_\_\_\_ No

**PAGE FIVE – PUBLIC SERVICES AND LOCAL CHARACTERISTICS**

**CIRCULATION**

**32. Number of initial circulations (excluding reserves)** (32) \_\_\_\_\_

**33. Total circulations (initial and renewals, excluding reserves)** (33) \_\_\_\_\_

**INTERLIBRARY LOANS**

**34. Total number of filled requests provided to other libraries** (34) \_\_\_\_\_

**35. Total number of filled requests received from other libraries or providers** (35) \_\_\_\_\_

**Ph.D. DEGREES AND FACULTY**

**36. Number of Ph.D.s awarded in FY2006-07** (36) \_\_\_\_\_

**37. Number of fields in which Ph.D.s can be awarded** (37) \_\_\_\_\_

**38. Number of full-time instructional faculty in FY2006-07** (38) \_\_\_\_\_

**ENROLLMENT – FALL 2006**

(Line numbers refer to IPEDS survey form.)

**39. Full-time students, undergraduate and graduate** (39) \_\_\_\_\_  
(Add line 8, columns 15 & 16, and line 14, columns 15 & 16.)

**40. Part-time students, undergraduate and graduate** (40) \_\_\_\_\_  
(Add line 22, columns 15 & 16, and line 28, columns 15 & 16.)

**41. Full-time graduate students** (Line 14, columns 15 & 16.) (41) \_\_\_\_\_

**42. Part-time graduate students** (Line 28, columns 15 & 16.) (42) \_\_\_\_\_

**FOOTNOTES**

On the web form, you will be able to add footnotes to individual questions, as well as footnotes that apply to your entire institution. Please provide any information which would clarify the figures submitted, e.g., the inclusion of branch campus libraries or any special projects which might cause radical increases or decreases. Please use the footnotes in the *ARL Statistics 2005–2006* for comparison if necessary. Please consult the data entry Web interface ([www.arlstatistics.org](http://www.arlstatistics.org)) for a copy of last year's footnotes. These can be found under "Historical Data" by clicking a

survey's arrow icon under the "View Summary" column and then selecting the "Footnotes" tab. Please make an effort to word your footnotes in a manner consistent with notes appearing in the published report, so that the ARL Office can interpret your footnotes correctly.

Submit the completed questionnaire by **January 30, 2008**.

For assistance, please e-mail Martha Kyrillidou ([martha@arl.org](mailto:martha@arl.org)) or Mark Young ([stats-ra@arl.org](mailto:stats-ra@arl.org))  
Tel. (202) 296-2296.

## FOOTNOTES TO THE ARL STATISTICS, 2006-07

Footnotes may also include errata and corrections to data from prior years not previously reported. Numbers in parentheses refer to columns in Library Data Tables and to Questionnaire numbers. Unless otherwise stated all figures are as of 06/30/2007.

QUESTION NUMBER	FOOTNOTE
<b>ALABAMA</b>	
	All figures are as of 09/30/2007.
1a	Volumes held June 30, 2006 revised to 2,796,931 (229,953 e books were not added to historic volume count in 2005-2006).
2	2,424 e books included in monographic volumes purchased.
4	Number increased significantly from 2005-06 due to new definitions. De-duplicated using ISSNs. For the paid electronic de-duplicated number, there were 12,253 without ISSNs. For the free electronic de-duplicated number, there were 7,816 without ISSNs. For the paid print number, there were 1,289 without ISSNs.
15d	Includes Center for Research Libraries membership.
19	Includes bibliographic utilities, memberships (except CRL), and literature searching.
<b>ALBERTA</b>	
	All figures are as of 03/31/2007.
	Includes the Law and Health Sciences Library.
1	Includes e-book titles held as of March 31, 2007.
1a	Volumes held June 30, 2006 revised to 6,463,820. Includes 47,566 volumes missing from 2005-06.
1b	Includes volumes added in 2005-06 that were missed in the 2005-06 survey.
2	Past figures were inaccurately reported. Precise number of monographs purchased from 2000-01 onward is unavailable; all monographs purchased are included in gross volumes added.
15-25	Expenditures as reported in Canadian dollars: (15a) \$7,567,274; (15b) \$10,084,885; (15c) 0; (15d) \$838,545; (15) \$18,490,704; (16) \$104,009; (17a) \$6,635,702; (17b) \$10,131,592; (17c) \$927,589; (17) \$17,694,883; (19) \$3,880,551; (20) \$40,170,147; (21) \$1,728,250; (22) \$7,631,975; (23a) NA/UA; (23b) NA/UA; (24) NA/UA; (25) NA/UA.
15c	Cannot be disaggregated from monograph expenditures (15a) and serial expenditures (15b).
33	Includes journal loans and excludes reserves.
36	This figure can vary from year to year.
<b>ARIZONA</b>	
	Includes the Science, Engineering and Fine Arts libraries.
1a	Volumes held June 30, 2006 revised to 5,666,913. The base volume count for 6/30/2006 was increased by 133,431 due to the purchase of several large electronic collections.
<b>ARIZONA STATE</b>	
	Includes Polytechnic Campus, Fletcher Library, Downtown Phoenix Campus, and the University Libraries including: Architecture & Environmental Design Library, Hayden Humanities & Social Science Library, Music Library, Noble Science & Engineering Library and the Law Library.
1a	Volumes held June 30, 2006 revised to 4,259,210. Increased by 4,491 due to e book MARC record load of additional ebrary titles.
2	E book products with 7,326 titles counted include: Chao Xing Shu Zi Tu Shu Guan (Superstar Digital Library), 1,383 titles; Classical Scores Library, 811 titles; Gale Virtual Reference Library, 254 titles; Knovel, 1,110 titles; Routledge Religion Resource, 30 titles; Safari Tech Books Online, 610 titles; Sage E Reference, 63 titles; Springer E books Collection, 2,127 titles; Stat!Ref Electronic Medical Library, 51 titles; Teatro Espanol del Siglo de Oro, 848 titles. Miscellaneous individual CD ROMs and Internet e books: 39 titles.
4	Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .
4ai	For electronic purchased titles, 2006-07 totals (65,586 titles) includes 31,525 Law Library titles from three database packages each counted as only one subscription in previous years: Westlaw 20,617; Lexis.com 10,803, Gale LegalTrac 105 titles. Titles were provided by Serials Solutions, then de-duped by ISSN and unique title.

QUESTION NUMBER	FOOTNOTE
15d	\$205,247 for Tempe and Downtown Campuses includes: Conservation/Preservation, \$14,436; ILL/Document Delivery, \$39,891; Memberships for purposes of publications, \$113,191; uncataloged library staff office book, \$114; Downtown Phoenix Campus Opening Day Processing charges, \$37,615.
<b>AUBURN</b>	
	All figures are as of 09/30/2007.
	Includes the Library of Architecture, Design and Construction, and the Cary Veterinary Medical Library.
4	While this data appears to show a significant increase for Auburn, our 2005 06 data was inadvertently under reported for serial titles. The data for the current year is similar to data reported for 2004 05 and for previous years. The greatest discrepancy is for 4b (serials titles received but not purchased). Auburn reported 18,563 for this category in 2004-2005, but only 8,622 in 2005-2006. Approximately 46% of the serials had ISSNs.
12	Increase this year is due to the addition of over 104,000 titles in the Naxos Music Library.
22	Increase in electronic purchases reflects the number of journals moved from paper subscriptions to online only subscriptions.
28	The main library has been operating on a 24 x 5 schedule during this year, which accounts for the increased hours.
<b>BOSTON</b>	
	Includes Mugar Library, Theology Library, Gotlieb Archival Library, and the Health Science and Law Libraries. The Alumni Medical library is reported with the Health Science Library.
1a	Volumes held June 30, 2006 revised to 2,449,557.
9	Mugar is excluded from this number. It does include Theology and Gotlieb Archival.
38	The number of faculty denotes all full time faculty not just full time instructional faculty.
<b>BOSTON COLLEGE</b>	
	All figures are as of 05/30/2007.
	Includes the John J. Burns Library of Rare Books and Special Collections, Bapst Library, School of Social Work Library, and Educational Resource Center.
1a	Volumes held June 30, 2006 revised to 2,413,534. We recalculated the volumes held to include the new definition of e books.
2	We purchased 1,689 e books that fit the NetLibrary Model: #1 Blackwell Reference Online with 277 titles, #2 PsycBooks with 1,400 titles, #3 Business Plans Handbook with 11 titles, and #4 Encyclopaedia of Judaica with 1 title.
4-4a	Number reflects elimination of duplication as per instructions.
4b	Number reflects more accurate count.
15a	Our monograph expenditures include \$6,392 for e monographs that don't meet the ARL definition of e monograph but that are not counted elsewhere. Expenditures for e monographs do not include access fees.
15d	Enhanced accounting allowed us this year to accurately account for miscellaneous expenditures.
2 23a	Lower expenditures for 2006-07 reflects contracting directly with OCLC via our local consortium.
<b>BRIGHAM YOUNG</b>	
	All figures are as of 12/31/2006.
4	This figure does not include non ISSN print titles that could not be easily resolved as to whether they fit the serial titles definition description in the instructions. The serials totals reported here were estimated from counts determined at the end of 2007 and will be reported in the next ARL Statistics Survey.
4ai	Electronic serials figures taken primarily from de-duped list with or without ISSN from SFX.
<b>BRITISH COLUMBIA</b>	
	All figures are as of 03/31/2007.
	Includes the Applied Sciences, Archaeology, Architecture, Asian, Biomedical Branch, Bnai Brith, Botanical Gardens, Coolie Verner, Crane, David Lam Management, Education, Fine Arts, First Nations House of Learning (Xwi7xwa), Geographic IC, Hamber, ICICS / Computer Science, Irving K. Barber Learning Centre, Koerner, Law, LERC, MacMillan, Math, Museum of Anthropology, Music, Okanagan, Psychiatry, Psychoed R&T Centre, Rare Books & Special Collections, Regent Carey College, Robson Square, Science & Engineering, St. Mark's College, St. Paul's Hospital, TAG, TRIUMF, University Archives, Vancouver School of Theology, Visual Resources Centre, Womens' Resources Centre, Women's Studies, Woodward libraries.
	UBCO Campus: figures are included for a full 12 month period for the first time (note: 2005 06 figures were included for a partial year of operation only). Some unusual changes in the figures reflect the growth in resources and staffing at this rapidly growing campus.
1b	Fewer additions due to fewer e-books in the catalogue than 2006.

QUESTION NUMBER	FOOTNOTE
4-4a	New methodology: serials title count.
4aii	We probably undercounted print/microforms.
4bii	New methodology applied as much as possible: unique serial titles.
8	Decrease in CD-ROMs DVD-ROMs.
15a	Increase in expenditure allocation for monographs; full year of UBCO collections budget. Increase in value of Canadian Dollar; expenditures increase does not match volume increase because volumes/e-books are not yet in catalogue.
15-25	Expenditures as reported in Canadian dollars: (15a) \$3,650,502; (15b) \$12,061,971; (15c) \$817,186; (15d) \$418,256; (15) \$16,947,915; (16) \$201,672; (17a) \$8,531,577; (17b) \$7,199,592; (17c) \$773,588; (17) \$16,504,757; (19) \$3,556,528; (20) \$37,210,872; (21) \$132,366; (22) \$7,824,961; (23a) \$380,284; (23b) \$0; (24) \$295,812; (25) \$166,901.
17a	Increase due to significant signing bonus for all staff; full year of UBCO staffing.
17b	Percentage decrease does not match percentage decrease in FTE because of significant increase in salary for all staff (signing bonus plus percentage increase).
17c	Decrease due to fewer student assistants employed and Learning Commons being under construction (IKBLC).
20	Increase due to full year of operations at UBCO and salary increases for all staff, including signing bonus (over \$2,500 per employee).
23a	Increase in catalogue support due to shelf ready program with 3 main vendors (\$291,300).
24	Includes Serials Solutions, Nesstar, Ex Libris, Endeavor, hardware.
26a	UBCO: full year of operations.
26b	Decrease due to continuation of shift in staff numbers from CUPE employee group to management/professional employee group.
<b>BROWN</b>	
	Includes: Rockefeller Library, Sciences Library, John Hay Library, Orwig Music Library, Art Slide Library, Library Collections Annex, and John Carter Brown Library.
	Medical library statistics cannot be disaggregated from the main because the medical collection is an integral part of the Sciences Library.
1a	Volumes held June 30, 2006 revised to 3,647,977. Figure reflects the addition of batch loads for 79,033 e-books.
2	Figure includes 17,098 e-books.
15c	Beginning with 2006-07, better data available to differentiate expenditures for other materials (previously included in monograph expenditures by default).
29	2006 07 change in campus wide orientation program reduced the number of Library tours, etc.
<b>CALIFORNIA, BERKELEY</b>	
1a	Volumes held June 30, 2006 revised to 10,537,586. The substantial one time increase to this line largely reflects the first time inclusion in our ARL count of cataloged electronic books owned or leased by UC Berkeley. The bulk of this number reflects 360,572 e-book volumes purchased collectively with University of California partner libraries (Acta Sanctorum, Literature Online, Oxford Scholarship Online, Early English books Online, Eighteenth Century Collections Online, Safari Tech Books, Schillers Werke). Additionally, the Berkeley campus has independently acquired 73,857 e-book volumes (netLibrary selections, World Bank E Library, Humanities/History E Books Project, Oxford Scholarship Online Special Subjects, Congressional Hearings Retrospective A).
3	We used a combination of both physical and bibliographic counts to respond to this question. The source of our information for supplying volume counts has historically been a physical count created by aggregating annual incremental reports by library unit managers. However, this year e-books were added to the question, and we used a bibliographic count for these. Counts for e-books acquired through collective purchase are generated by our system wide cataloging division. Counts for e-books acquired through independent campus level purchase are derived from our local inventory managed by the Electronic Resources Librarian through an Electronic Resource Finder or ERF.
4ai-4bii	This represents a dramatic drop in the equivalent question for 2005 06 based on the new definition that counts only 'titles' and requires de duplication efforts. Our method for generating a total number for serials relies upon a review of our OPAC. We were able to de-duplicate holdings for multiple print titles, and holdings in which we had both an open holding statement for electronic and print. We are unable to distinguish paid for and free active titles with our current method of generating the data so we entered the totals in 4a and 4b and left 4b entries U/A.
<b>CALIFORNIA, DAVIS</b>	
	Includes the Peter J. Shields Library and the Physical Sciences and Engineering Library.

QUESTION NUMBER	FOOTNOTE
4	Change due to evolving ARL counting methodology.
17c	Increased expenditures attributable to special projects, staff absences, increase in minimum wage.
42	Not considered abnormal growth in part time student population.
<b>CALIFORNIA, IRVINE</b>	
1a	Volumes held June 30, 2006 revised to 2,714,794. Includes 109,791 e books that were added in 2006 07.
1b	Excludes 109,791 e books that were added in 2006 07.
<b>CALIFORNIA, LOS ANGELES</b>	
21-25	Figures represent the entire library system.
28	For 2005-06, the weekly hours should have been 97.
<b>CALIFORNIA, RIVERSIDE</b>	
	Includes the Science Library, Media Library, Music Library, and Palm Desert Graduate Center.
4	Increase from 2005-06 due to the following factors: the addition of new shared electronic titles, better reporting methods, and comprehensively entering into our serials holdings for the first time serial titles received and not purchased.
<b>CALIFORNIA, SAN DIEGO</b>	
	Includes: the Arts Libraries, the Center for Library & Computing Services, the International Relations & Pacific Studies Library, the Mandeville Special Collections Library, the Science and Engineering Library, the Scripps Institution of Oceanography Library, the Social Sciences & Humanities Library.
	E book figures are not divided into General and Health Sciences but are all reported on the General Survey.
1a	Volumes held June 30, 2006 revised to 3,279,739. Revised to include 142,804 e-books not included in 2005 06 volume count.
1b	Includes e-books which were not previously included in 2005-06 volume count.
1bi	Includes 66,255 e-books added during year 2006 07. E-books not included in the 2005-06 volumes added figure.
1bii	Includes 19,245 e-books withdrawn in 2006 07. E-books not included in 2005-06 withdrawn count.
4	Totals here represent only "unique" titles completely de-duped across both formats and purchase type and also de-duped between the General and Health Sciences libraries (reported on separate ARL worksheets, but only de-duped amounts are being reported for each).
4aii	Includes monographic series if series title is received in standing order.
15b	Includes monographic series received on standing order.
15c	Includes backfiles and non continuing serials. Expenditure amounts for maps and audiovisual materials included in (15a) and (15b).
23b	This figure is a prorated estimate: Percentage of the total library expenditure (15b. for both the main and Health Sciences) multiplied by CDL support figure.
28	111 hours during a typical week extends to 168 hours during finals week each quarter when we do have a staffed library open 24/7.
31	Includes 2,153 virtual reference transactions.
<b>CASE WESTERN RESERVE</b>	
	Includes the Harris Library, and the Mandel School of Applied Social Sciences Library.
2	Includes 118,500 titles from Early English Books Online (EEBO).
15d	Miscellaneous expenditures include memberships: CNI (2 years); ICPSR; OhioLINK; SPARC; ARL; CLIR; Theses microfilming.
<b>CENTER FOR RESEARCH LIBRARIES</b>	
1b	The numbers of hardcopy deposits vary from year to year. Additionally as more institutions go to electronic dissertations, the number of hardcopy dissertation volumes added to the collection decreases.
<b>CHICAGO</b>	
1	Includes 332,147 electronic monographs.
2	Includes 29,583 electronic monographs: 9,017 Springer e books, 17,000 Arab Israeli Relations, 450 Testaments to the Holocaust.
4	Reflects changes in ARL definitions, for example current serials received as part of aggregated databases which were not included here in previous years.
8-13	Excludes unprocessed and partially processed items.
15a,	Reflects a decrease in purchase of electronic backsets.
15b	

QUESTION NUMBER	FOOTNOTE
23a	Includes standard ongoing operating costs only.
23b	Estimated.
35	Includes 458 requests filled by the Center for Research Libraries.
<b>CINCINNATI</b>	
	Includes the Main, Medical and Law libraries.
	Excludes the Raymond Walters College and Clermont College libraries.
1a	Volumes held June 30, 2006 revised to 3,338,153. Adjusted for retro cataloging of government docs (287 net) and for batch loads of large e book collection records (128,699).
3	Historically based on bibliographic count. Additions and deletions are based on a physical count.
4	Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .
26a-26b	Smaller number due to budget reductions and layoffs.
36-38	These numbers represent the university's numbers.
39-42	Incorrect numbers for the institution were provided in 2005-2006, when Institutional Research gave numbers including our two two year colleges. They are excluded here.
<b>CANADA INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION</b>	
	All figures are as of 03/31/2007.
8	Starting in 2006 07, the count only includes items held locally.
15-25	Expenditures as reported in Canadian dollars: (15a) \$575,724; (15b) \$10,760,515; (15c) \$395,978; (15d) \$92,183; (15) \$11,824,400; (16) NA/UA; (17a) NA/UA; (17b) NA/UA; (17c) NA/UA; (17) \$20,609,000; (19) \$17,623,600; (20) \$50,057,000; (21) \$395,978; (22) \$1,688,974; (23a) NA/UA; (23b) NA/UA; (24) \$3,494,112; (25) NA/UA.
<b>COLORADO</b>	
	Excludes the Law Library.
1a	Volumes held June 30, 2006 revised to 3,756,967. This number includes 115,871 ECCO e books that were batch loaded in 2006 07.
4	The large increase in serial count is due to the new ARL instructions/method for counting serials and better access to more accurate numbers through Serials Solutions.
4bi	Of this number, 12,658 are government-published serials, which are a mix of electronic and print, but we have no easy way of separating out the counts.
7	Decrease due to the Government Publications Department retro cataloging some of these items, which are now being counted in with the volume count.
11	Number rose dramatically due to the Archives Department acquiring a large collection of photos/negatives/slides during the 2006-07 fiscal year
15d	Miscellaneous Expenditures: electronic archiving \$8,158., preservation (not incl. binding) \$2,607.09; GPO shelflist service \$4,759.55; III services \$106,280; interlibrary loan \$21,043.42, MARC record batches \$15,600; memberships \$144,146 (Alliance 88,566; CRL pd 07/08; GWLA 8,100+3,200; ARL 21,580 + SPARC 5,200; ICPRS 15,000; Heritage gateway 2,500); BCR \$206,456; OPAC enhancements \$19,350; projects \$98,596.06; storage (Boulder) \$18,360, RLIN \$999.53; Prospector \$4,500; shelf ready processing \$1,385.90.
16	Count includes enclosures and other items purchased through the binding vendor, so this amount is different than one submitted for the Preservation Department's statistics.
23a	All of these types of expenditure come out of our materials budget, so are not part of "other operating expenditures."
27	Lower count reflects recent consolidation of service points. This count will be reduced even further for 2007-08.
31	Reference transactions are bit lower due to closure and move of business library during construction.
<b>COLORADO STATE</b>	
1a	Volumes held June 30, 2006 revised to 2,003,690. Volumes held previously were adjusted due to a change in inventory reporting methodology.
1b	Total number of withdrawals decreased. Additional acquisitions in Liberal Arts areas. Some volumes (Government Docs) are included in the count received in previous years (unable to identify specific items).
9	Due to an increased outreach from the temporary University Archivist, a larger number of University archival collections have been sent to the library from across campus. There were also additional materials related to the University agricultural archives.
15c	Additional backfiles had been purchased with remaining floor recovery files during 2005-06.
16	Items requiring binding have decreased.

QUESTION NUMBER	FOOTNOTE
26b	During 2005-06, Colorado State Libraries were in a state of reorganization. Filling of open positions was not determined until reorganization was complete.
42	Reporting methodology change at University, numbers reported in 2005-06 were related to a census date, not IPEDs as specified.
<b>COLUMBIA</b>	
	Butler data includes The Columbia Center for New Media Teaching and Learning (CCNMTL) and the Center for Digital Research and Scholarship (CDRS).
1	9,196 e books added during 2006-07; June 30, 2007 total includes 329,958 e books. Includes 40,500 e books (Teachers College).
1a	Volumes held June 30, 2006 revised to 9,798,389. Restated to include 320,762 e books (Butler). Adjusted from 2005-06 to include 504 e books (Teachers College).
2	Includes 9,196 e books (Butler).
4-4aii	Included in Butler number (Barnard).
4ai	Titles unique to Teachers College; other titles overlap with (and are counted in) Butler Library stats.
4b	All Teachers College free serial titles overlap with (and are counted in) Butler Library stats.
15d	Includes costs associated with maintenance of collection (e.g., shipping, supplies, relocation, memberships).
21	Included in 22 (Teachers College).
25	ILL for Barnard handed through Butler office.
28	Barnard's service hours are included in Butler count (92 for Barnard only, 107 total for Columbia). Teachers College service hours included in Butler count (99 for Teachers College only, 107 total for Columbia).
<b>CONNECTICUT</b>	
	Includes the Homer Babbidge Library, the Music & Dramatic Arts Library, the Thomas J Dodd Research Center and the Pharmacy Library on the Storrs campus. It also includes the regional campus libraries located at Avery Point, Stamford (Jeremy Richards Library), Torrington (Julia Brooker Thompson Library), Waterbury, and Hartford (Harleigh B. Trecker Library).
1a	Volumes held June 30, 2006 revised to 3,629,577.
1b	Significant weeding projects at 2 locations contributed to a 29,497 volumes being withdrawn in 2006-07.
2	Of this figure, 5,917 are new e book purchases in 2006-07. UConn pays some amount for annual licensing and/or maintenance for a total of 333,664 e books. The overall reduction in the number of monographs purchased from 2005-06 reflects an intentional reduction in purchasing print resources, in favor of electronic.
4-4a	This number is lower than in 2005-06 because of de-duplication.
4b	This number is significantly higher than in 2005-06 because of an affirmative effort to include open access materials in our catalog and holdings.
6	111,617 microforms were withdrawn in 2006-07.
8	In 2006-07 we made minor withdrawals of computer files (11).
11	In 2006-07 we made minor withdrawals of graphic materials (35).
17-18	Includes fringe benefits.
23a	In 2006-07 we changed our vendor of bibliographic utilities from NELINET to BLC/OCLC, significantly reducing our costs. Because of the switch over, we were only billed for 11 months of service for the year. During the same time, we received over \$22,000 in credits for the withdrawal of microform records from our collections.
31a	13,732 reference transactions were determined by actual transactions at some locations. 25,168 transactions were determined by sampling at the remaining locations.
<b>CORNELL</b>	
	Includes the Adelson, Africana, Annex, Engineering, Entomology, Fine Arts, Hotel, Industrial & Labor Relations, Kroch (Asia Collections), Kroch (Rare & MSS. Collections), Law, Management, Mann, Mathematics, Music, Olin, Physical Sciences, Uris, and Veterinary Libraries on the Ithaca campus, and the New York Agricultural Experiment Station Library in Geneva NY.
	Excludes the Medical College Library in New York, NY.
1a	Volumes held June 30, 2006 revised to 7,881,668. Change from ending figure for 2005-06 reflects the fact that additional e books were counted. Includes all e books with records in the online catalog. E book counts as of 10/2007.
3	Law Library's counts are bibliographic.
4	Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .
9	Figure is in cubic feet.

QUESTION NUMBER	FOOTNOTE
13	Video/DVD count includes an increase of 5,835 due to a more precise online count.
15	Increase in serial expenditures and decrease in "other" expenditures reflects in part the fact that more special format serial expenditures were included in serials expenditures. Expenditures for integrating resources were included in monographic expenditures.
15d	Shipping costs only. Memberships for the purposes of publications not broken out.
17a	For libraries other than Law, includes expenditures for librarians and archivists only. For Law, includes expenditures for librarians and "exempt" staff.
22	Includes an estimate for amount spent on electronic subscriptions for large publishers providing both print and electronic whose online payment records are coded as print only.
26	Does not include staff in positions that were temporarily vacant. Includes professional, support and student staff on grants and projects.
26a	For libraries other than Law, includes librarians and archivists only. For Law, includes librarians and "exempt" staff.
28	Part of one library remains open between 2 and 8 a.m., Sunday Thursday, staffed by library paid security staff. (Adds 27.5 hours to this figure.) Study space and computer lab available.
29	Includes a few in office outreach/instruction sessions for individuals.
31	In 2006-07, CUL implemented a locally developed system, in which staff at all public services desks recorded their statistics during 12 sample weeks; this total was extrapolated from those data. Because this methodology is new, some inaccuracies or errors exist; the data quality will improve as the system and method mature.
32	Includes ILL and some staff transactions.
40,42	Employee degree only.

#### DARTMOUTH

Includes: Baker (including Cook collection), Feldberg, Kresge, Paddock, Rauner, Sherman and remote Storage collections; and Biomedical libraries (Dana and Matthews Fuller) which are reported in Biomedical survey.

1 Includes 182,049 e books; collections were named in 2005-06; this is for entire system, cannot split out BioMedical.

1bii Includes a net increase of 3,321 digital monographs. This figure is much lower than 2005-06 because all digital monographs were added to this number starting in 2005-06, so 2005-06 was an unusually high number.

2 This is an approximation; payment lines are used as proxy for volumes for mono series/MPIs.

4 Serials count has dropped in part because of new methodology with 2006-07; 2,631 duplicates were identified by means of ISSN.

4ai Includes 15,690 brief records in Serials Solutions that were deleted and (mostly) reloaded after July 1 multiple times; have no way to include in de-duping process, or to determine which might apply to BioMedical. It was difficult to change counting methodology long after end of fiscal year. Includes ceased titles. See also footnote under BioMedical 4.a.i.

23a We continue to opt out of this question, feeling it is too poorly defined to provide a meaningful basis of comparison between libraries.

42 Part time enrollment in the graduate and professional schools fluctuates due to variations in applications and available slots in the programs.

#### DELAWARE

2 E-books are included here in, but were not included in statistics reported in previous years.

8 High increase due to loading bibliographic records for electronic access to Early English Books Online, Eighteenth Century Collections online and Early American Imprints.

9 Excludes the University Archives which is not administered by the Library.

15c-15d Increase due to major acquisition of electronic content.

32 Library automated system does not differentiate between initial loans and renewals.

#### DUKE

Includes the Main Library, Health Sciences Library and the Law Library. There are 8 branch libraries also included in the ARL Statistics: Biological and Environmental Sciences Library, Divinity School Library, Ford Library, Lilly Library, Marine Lab Library, Music Library, Special Collections Library, Vesic Library.

1a Volumes held June 30, 2006 revised to 5,785,496. The change from 5,665,241 to 5,785,496 is the result of a one time download of e-book MARC records into the catalog of 120,255 monographic titles.

1b Increase due to the Divinity School library withdrawing more books from its collection in 2006-07 and the Law Library reducing its collection to prepare for reduced shelving space in a renovated library.

QUESTION NUMBER	FOOTNOTE
4	Decrease due to new serial count methodology established by ARL.
15a	Large increase in monographic expenditures is the result of extensive additional funding for 2008 12 from the University Strategic Investment Plan (SIP) for acquiring electronic journal back files and retrospective electronic collections.
15c	Actual amount is higher. Retrieval by material format is not readily available from the integrated library system.
19	Decrease due to a decrease in other operating expenditures in 2006-07.
21	Large increase in monographic or one time expenditures is the result of extensive additional funding for 2008 12 from the University Strategic Investment Plan (SIP) for acquiring electronic journal back files and retrospective electronic collections.
23a	Included are expenditures for four bibliographic utilities: SOLINET cataloging services, GOBI Plus (YBP), YBP cataloging records for approval, and RLG Union Catalog. Increase over 2005-06 due to omission of SOLINET changes in previous years.
24	Increase due to a hardware refresh for most library staff and an increase of hardware purchases for patrons in public service areas.
25	In previous fiscal years SOLINET ILL/document delivery funding was omitted from this response.
27	Decrease due to the consolidation of the University Archives service point with the Special Collections Services point and the Chemistry Library being consolidated into the main library.
34-35	Decreased due to a decrease in total requests filled in 2006-07.
40,42	Decrease due to normal fluctuations in enrollment.
<b>EMORY</b>	
	All figures are as of 08/31/2007.
	Includes the Health Sciences Center, Hugh MacMillan (Law), Oxford College, and Pitts (Theology) libraries, as well as libraries at Grady Hospital and Medical School.
1a	Volumes held June 30, 2006 revised to 3,226,136.
1b	Reporting 136,530 e books. EBL = 310; Gale Virtual Reference Library=11; ECCO=136,209.
2	Includes 316 E-book Library platform and 145 Gale Virtual Reference Library platform titles. We are unable to provide volumes since multi volume sets (such as encyclopedias) get a single item record for e books. E books paid for on a subscription basis (such as Knovel) are not included here. The number of monographic volumes purchased was under reported for fiscal years 2005 06 and 2004 05 due to inability to count paid items lacking an order record in the system.
4ai	This is a count of SFX titles only. Does not de dupe print and electronic subscriptions.
4aii	Of the 4,678 print serials purchased, a subset of 547 could not be de duped.
4bi	This is a count of SFX titles only. Does not de dupe free print and electronic subscriptions.
34	Increasing availability of electronic journals may have reduced need for use of ILL.
<b>FLORIDA</b>	
	Includes all Gainesville, Florida campus libraries: Marston (Science), Architecture /Fine Arts, Journalism, Music, Education, Law, and Health Science Center. Also includes the Health Science library facility in Jacksonville, Florida.
1a	Volumes held June 30, 2006 revised to 4,177,122.
4ai	This number is reported by the Main library.
36-42	Reported by Main library.
<b>FLORIDA STATE</b>	
	Includes the Robert Manning Strozier (Main) Library, Engineering Reading Room, Paul A.M. Dirac Science Library, College of Law Library, College of Medicine (Maguire Library), College of Information (Goldstein Library), Warren D. Allen Music Library, Claude Pepper Library, FSU Campus Library, Panama City (Florida), FSU Panama City Library (Republic of Panama), John and Mable Ringling Museum of Art Library.
1a	Volumes held June 30, 2006 revised to 3,400,422.
11	The large increase is due to the inclusion of the Claude Pepper Library's 5,316 graphic items.
18	Fringe benefits are included.
25	The large increase in ILL expenditures is due to the 2005 06 figure being incorrect. The correct figure for 2005 06 should be 70,514.
26a	Panama City, Florida branch reporting 1 FTE for first time.
38	Information for 2006 07 from internal sources, not from IPEDS.

## GEORGE WASHINGTON

1 Himmelfarb Health Sciences Library corrected previous calculations. 2005-06 shows 130,056. Since the new instructions took effect, we need to add 32,781 e-books to the 2006-07 total volumes held figure (1,766,172) for the Gelman Library system. Volumes held as of June 30, 2007 revised to 2,197,644.

1b Health Sciences Library had major weeding project.

4 Health Sciences Library entered a corrected calculation.

4a This number will be higher than previous years even with de-duping because this year we're including aggregated content which wasn't included before. De-duped content in SFX and de-duped e-journal subscriptions. We have NOT de-duped print subscriptions with SFX yet this year.

4bi This is up due to an increase in Open Access journals linked to in SFX.

8 There were an unusually large number of government document withdrawals and transfers during 2006-07.

17c In 2006-07, the main library hired and retained more students than in 2005-06.

26b Includes 20 contract employees.

26c The student employee retention rate was higher for Main Library in 2006-07.

## GEORGETOWN

Includes Bioethics, Blommer Science Library, Qatar, and the Woodstock Theological Center Library.

1 Includes 388,983 e-books.

1a Volumes held June 30, 2006 revised to 2,877,562. Includes the addition of 388,983 e books.

1bii GovDocs did a lot of weeding before opening its collection to the public.

4-4a Increase due to change in method of counting serials.

15c-15d Decrease due to 2005-06 ECCO (e book collection) purchase now included in monograph expenditure.

17 The main branch reported 3,386,263 for 17a, 2,288,391 for 17b, and 498,378 for 17c. The Law branch reported 1,894,627 for 17a, 1,583,807 for 17b, and 280,468 for 17c. The Health branch did not report disaggregated totals for 17a and 17b, but reported 19,718 for 17c.

26b Assignment of CETS to registrar's office resulted in loss of 10.55 FTE staff.

29-30 Increase due to more professors requesting Gelardin New Media Center staff teach video production and Web development to students for classroom assignments.

## GEORGIA

Includes Law Library.

1 140,239 e-books that were not calculated in the total for 2005-06 have been added to this column.

1a Volumes held June 30, 2006 revised to 4,486,178. Number adjusted to include e-books.

2 Includes law purchase of 118,210 Eighteen Century Collection Online.

15c Number was reported in another area last year.

15d Number reported in another area last year. Categories include: Software Tools: Endnote and Refworks; Bib. Utilities: Marchive and Solinet; Shipping & Handling; Media Preservation; Memberships (Serials & Acquisitions): ARL, CRL, LARRP, ASRL, SPARC, Counter (Getsum shared), Southeastern Library Network, North GA Associated Libraries and CNI; Literature Search Services: Dialog; Maintenance SFX: SFX and EJS Enhanced.

42 This number was recorded incorrectly in 2005-06.

## GEORGIA TECH

Included: the Main and Architecture libraries.

## GUELPH

All figures are as of 04/30/2007.

Includes the McLaughlin Library, Ontario Veterinary College Learning Commons, and the TriUniversity Storage Annex (Guelph materials only).

1 This total does not include electronic books. The Library currently holds approximately 200,000 electronic books, ranging from large suites (e.g. Early English Books Online, Eighteenth Century Collections Online etc.) to monographs purchased individually.

1a This total does not include electronic books. The Library currently holds approximately 200,000 electronic books, ranging from large suites (e.g. Early English Books Online, Eighteenth Century Collections Online etc.) to monographs purchased individually.

QUESTION NUMBER	FOOTNOTE
15-25	Expenditures as reported in Canadian dollars: (15a) \$1,457,534; (15b) \$3,798,493; (15c) \$228,456; (15d) \$639,870; (15) \$6,124,353; (16) \$31,522; (17a) ; (17b) ; (17c) \$456,134; (17) ; (19) \$1,035,857; (20) \$13,834,029; (21) \$245,211; (22) \$3,542,066; (23a) NA / UA; (23b) \$0; (24) \$437,200; (25) \$103,525.
26-26b	Increase in employee total relative to last year due to various members of the "Learning Commons" becoming employees of the Library, proper.
26c	Increase in "student assistant" total relative to last year due to various student employees of the "Learning Commons" becoming student employees of the Library, proper.
<b>HARVARD</b>	
1a	Volumes held June 30, 2006 revised to 15,943,078.
1bii	Net increase due to planned de-accessions and transfer project begun in 2005-06 and continued in 2006-07.
21	Increase due to year end allocations in some libraries.
<b>HAWAII</b>	
	Includes the Hamilton Library and the Sinclair Library.
1a	Volumes held June 30, 2006 revised to 3,434,536.
17, 26	More complete data than reported in prior years, including flood recovery positions.
28	One branch offered 24/5 hours of operation.
31	Includes simple directional questions which have not been counted separately.
34	Incomplete due to loss of data.
<b>HOUSTON</b>	
	Includes the Architecture & Art Library, Music Library, Weston A. Pettey Optometry Library, and the Pharmacy Library.
1a	Volumes held June 30, 2006 revised to 2,504,236.
4	The large increase is due to the change in the way serials are counted.
12	Additions to the Libraries audio collections had not been counted for several years. The figure reported now brings us up to date.
28	Hours reported in 2005-06 were a total of main library plus the law library. Correct total is 108.
31	During the year, the library began recording all reference transactions. Part of the reported figure is based on sampling while the remainder comes from the recording.
32-33	Figures reported last year inadvertently included circulation of reserve materials. No reserve circulations are included in this year's figure.
<b>HOWARD</b>	
	Includes: Main library, Health Sciences library, and Law library.
1a	Volumes held June 30, 2006 revised to 2,436,163.
<b>ILLINOIS, CHICAGO</b>	
	Includes: Richard J. Daley Library, Science Library.
	Excludes: Library of the Health Sciences (LHS) Chicago, LHS Peoria, LHS Rockford, LHS Urbana.
9	Includes statistics for health sciences branches.
16	Figure included in (19), other operating expenditures.
19	Includes portion (23), Bibliographic Utilities, Networks and Consortia: OCLC, annual memberships for CIC and CARLI.
23a	Does not include OCLC, membership in CARLI, CIC (included in (19)).
34-35	Figures unavailable for all institutions with which UIC has reciprocal borrowing privileges. I Share data for health sciences branch lending are included. 35 Figures unavailable for all institutions with which UIC has reciprocal borrowing privileges. I Share data for health sciences branch borrowing are included.
<b>ILLINOIS, URBANA</b>	
1a	Volumes held June 30, 2006 revised to 10,521,945.
4aii	Based on an estimate.
15d	Includes Sandberg (\$34,572) and Illinois Newspaper Project Microfilming (\$172,212) projects that were gift and grant funded, respectively.
17a	Includes \$9,883,338 academic staff and \$1,220,145 graduate assistants.

QUESTION NUMBER	FOOTNOTE
25	Reduction due to streamlined and improved copyright clearance process.
26a	Includes 39 FTE graduate assistants.
<b>INDIANA</b>	
	Includes the Archives of Traditional Music, and the Kinsey Institute, The Archives of African American Music & Culture, Center for Disability Information & Referral, Gay Lesbian Bi Sexual and Transgendered Student Support Services Office, and Workshop on Political Theory & Policy Analysis libraries.
	Excluded: law library, the regional campuses at Columbus, Ft. Wayne, Gary, Indianapolis, IUPUI (including the Ruth Lilly Medical Library), Kokomo, New Albany, Richmond, and South Bend.
10	Better count of large map collection.
34	One library reported photocopy statistics here in the past. Problem fixed this year
36-42	Reported current fiscal year data instead of previous fiscal year in 2005 06.
<b>IOWA</b>	
1-2	Moved from physical to bibliographic counting.
1a	Volumes held June 30, 2006 revised to 4,598,480.
4	960 shared titles between Law and Main or Health Sciences libraries are being counted with Law.
12-13	Moved from physical to bibliographic counting.
17a	This includes programming staff that support the Libraries, but are not paid directly from Libraries' budget.
19, 24	Including equipment costs that support the Libraries, but not directly taken from Libraries' budget.
26b	Fewer graduate assistants due to grants ending; number of merit positions eliminated; includes 3 FTE programmers who support the Libraries but not paid directly from Libraries' budget.
26c	Using fewer student employees.
32-33	Removed Main/Branch/Health Sciences intra library circulation numbers.
35	Decrease due to new software, ILLiad, which counts transactions differently than Clio software.
38	Does not include 440 clinical and pre clinical faculty with departmental appointments.
<b>IOWA STATE</b>	
	Includes the Main Library and Veterinary Medical Library, plus three reading rooms (Design, Physical Sciences, and Math).
15c	Other Library Materials expenditures decreased \$72,830, from \$250,035 in 2005-06 to \$177,205 in 2006-07, due in part to a decrease in the purchase of backsets of electronic resources.
19	Other Operating Expenditures increased \$890,742, from \$945,544 in 2005-06 to \$1,836,286 in 2006-07, primarily from renovation expenditures including: creation of the Bookends Cafe; creation of the ISU Copy Center; renovation of the Reference area into the Learning Connections Center; and re carpeting / painting on Third Floor. The 2006-07 figure includes \$243,080 in one time contributions from ISU Dining, ISU Printing, and MICA.
20	Total Library Expenditures increased \$1,421,488, from \$16,973,524 in 2005-06 to \$18,395,012 in 2006-07, primarily from a combination of increased Library Materials expenditures, increased Salaries, and Other Operating expenditures noted in footnote 19.
21	One time Electronic Resource Purchases decreased \$171,193, from \$248,180 in 2005-06 to \$76,987 in 2006-07, due to a reduction in the purchase of electronic resource backsets. In 2005-06, there was a concerted effort to purchase electronic resource backsets. 2006-07 returned to a more normal purchasing pattern.
24	Computer Hardware and Software increased \$266,346, from \$331,920 in 2005-06 to \$598,266 in 2006-07, primarily due to the purchase of the Ex Libris package of software including: Primo, Verde, and MetaLib.
<b>JOHNS HOPKINS</b>	
	Figures include the Sheridan Libraries, Welch Medical Library, Institute for History of Medicine, School of Public Health Library, Peabody Conservatory Library, Applied Physics Laboratory, School of Advanced International Studies (SAIS) in Washington, DC and Bologna, Italy. Figures exclude the School of Advanced International Studies in Nanjing, China and the JHU Campus in Singapore.
1	Change in volumes held 6/30/06 is a result of our APL library's recalculation which was based on an actual bibliographic count of volumes.
1a	Volumes held June 30, 2006 revised to 3,677,642.
<b>KANSAS</b>	
	Includes Regent Center Library, Edwards Campus (Overland Park, Kansas). Excludes University of Kansas School of Medicine Farha Library in Wichita, Kansas.

QUESTION NUMBER	FOOTNOTE
1bii	In the process of moving materials to the library annex many, duplicate holdings were withdrawn.
4a, 4b	New process and method of counting, so not comparable with previous totals.
36	We had a new doctorate program and students are starting to graduate from it. Part of the increases came in education and life sciences, but there were small increases in many areas. We have fluctuated in the number of doctorates over the years. This is not an area where we have a steady increase or decrease.
<b>KENT STATE</b>	
	Included are Kent State branches (Ashtabula, Geauga, East Liverpool, Salem, Stark, Trumbull, and Tuscarawas) and campus libraries: Architecture, Chemistry / Physics, Fashion, Map, Mathematics / Computer science, Music.
<b>KENTUCKY</b>	
1a	Volumes held June 30, 2006 revised to 3,456,336.
<b>LAVAL</b>	
	Included: Law and Medical library data.
15-25	Expenditures as reported in Canadian dollars: (15a) \$2,697,414; (15b) \$7,512,564 ; (15c) \$165,812; (15d) \$69,000; (15) \$10,444,790 ; (16) \$62,646; (17a) \$3,622,258; (17b) \$5,626,733; (17c) \$516,445; (17) \$9,765,436; (19) \$528,736; (20) \$20,801,608; (21) \$409,171; (22) \$4,906,656; (23a) NA / UA; (23b) NA / UA; (24) NA / UA; (25) \$98,718.
16	All of our binding is made in house. These are expenses for material used by our bindery unit.
17c	Not limited to students assistants. These are supernumerary employees and some of them are students.
26c	Full Time equivalent of student employees and supernumerary employees.
33	A mistake was discovered on August 23, 2007 in our 2005-06 figures: we declared a total circulation of 627,177 and the correct figure was 820,415 (the figure for renewals by Internet was not taken into account).
<b>LIBRARIES AND ARCHIVES CANADA</b>	
1a	Volumes held June 30, 2006 revised to 9,416,380.
4aii	179 print and 889 other formats.
6-7	Estimated 1.5% growth.
15-25	Expenditures as reported in Canadian dollars: (15a) \$663,060; (15b) \$462,782; (15c) \$353,105; (15d) \$116,388; (15) \$1,595,335; (16) NA / UA; (17a) \$51,484,769; (17b) \$19,706,483; (17c) \$6,808,390; (17) \$77,999,642; (19) NA / UA; (20) \$79,594,977; (21) NA / UA; (22) \$33,599; (23a) NA / UA; (23b) NA / UA; (24) \$30,928; (25) \$990,954.
28	With professional staff.
<b>LIBRARY OF CONGRESS</b>	
	All figures are as of 09/30/2007.
1a	Volumes held June 30, 2006 revised to 29,361,867.
3	Does not include 2,557,654 volumes in the Law Library of Congress.
4	Actual figure is 147,706 (adjusted by 10,394 to account for duplication between electronic and print versions).
17a	Total salaries and wages for professionals, support staff, and student assistants.
17b-17c	Included in the category for professional staff.
<b>LOUISIANA STATE</b>	
	Included: Main, Health, and Law libraries.
1a	This number is revised to 3,524,926 to add the e-book records that were loaded in 2006-07; e-book packages: Netlibrary Library (4,902), Evans Digital Editions, Early American Imprints Series 1 (1,068), Referex (401), Knovel (983), Memso (55), English Poetry 2nd Edition (4,982), Early American Imprints, Series II: Shaw Shoemaker, 1801 1819 (38,094).
1bi	This number comes from Cataloging, Database Management, Documents, Serials, & Special Collections.
1bii	This number comes from Database Management and Documents. Higher this year because of duplicates withdrawn and selective weeding.
2	This number comes from 15,981 paper titles and 50,485 e books.
4	The increased figures result from two factors: (1) increased efforts to better capture data; and (2) increased electronic serials.
4a1	Not included: Open Access titles and de duplication.

QUESTION NUMBER	FOOTNOTE	
4bi	This number comes from Open Access titles in A to Z de duplication and government documents.	
6	This comes from 13,766 Database Management, Documents, Serials, & Special Collections added to the 2005-06 total.	
7	This comes from Documents and it decreases every year.	
8	This number comes from Count Items report using Item Category 1 of CD Rom, Compdisk and DVD Rom; excludes Vet Med.	
9	This number comes from 14 (from Special Collections) added to the 2005-06 total.	
10	This number comes from CIC librarian and a report using Item Category 1 of MAP (excluding CIC and Vet Med).	
12-13	This number comes from a report based on item category.	
15a-15d	More money was available and a move was made to e resources.	
16	In 2005-06, we did not bind as much.	
17a-17b	Merit raise given this year.	
17c	Minimum wage increased this year.	
19	Renovation and equipment.	
21-22	Moved to more e resources.	
25	Moved to more e resources so less needed to request.	
26c	Less need for students.	
31	Moved to more e answers.	
35	More available free electronically.	
<b>LOUISVILLE</b>		
Includes: University Archives, Music, Art, and Main libraries.		
<b>MANITOBA</b>		
15-25	Expenditures as reported in Canadian dollars: (15a) \$2,039,482; (15b) \$5,651,668; (15c) \$43,338; (15d) \$397,636; (15) \$8,132,124; (16) \$150,645; (17a) \$5,059,986; (17b) \$5,642,386; (17c) \$653,451; (17) \$11,355,823; (19) \$1,753,649; (20) \$21,392,241; (21) \$916,227; (22) \$3,370,953; (23a) NA/UA; (23b) NA/UA; (24) \$273,037; (25) \$176,000.	
15c	2005-06 included one time purchase of archival material.	
19	2005-06 figure included fringe benefits; 2006-07 figure does not.	
<b>MASSACHUSETTS</b>		
Includes the DuBois (Main Library) & ISEL (Integrated Sciences and Engineering Library).		
1a	Volumes held June 30, 2006 revised to 3,339,579. Includes an adjustment of 108,882 items to represent e-books held at the end of 2005-06.	
1bi	Includes 161,565 e-books added during 2006-07.	
<b>MCGILL</b>		
Included: Birks Reading Room, Blackader Lauterman (Art & Architecture), Education, Hitschfeld Geographic Information Centre, Howard Ross Library of Management, Islamic Studies, Life Sciences, Macdonald Campus (Environmental Sciences), Marvin Duchow Music, Nahum Gelber Law, Osler (History of Medicine), Schulich Library of Science & Engineering, Rosenthal Mathematics & Statistics.		
1a	Volumes held June 30, 2006 revised to 3,987,250. Volumes held in 2005-2006 do not include the e books (277,171).	
3	Physical and bibliographic.	
4	Includes aggregates.	
8	Revised to reflect online count.	
15-25	Expenditures as reported in Canadian dollars: (15a) \$4,647,300; (15b) \$8,632,423; (15c) \$141,188; (15d) \$361,968; (15) \$13,782,879; (16) \$252,148; (17a) \$5,476,098; (17b) \$6,086,601; (17c) \$697,079; (17) \$12,259,778; (19) \$5,224,866; (20) \$31,519,671; (21) \$1,025,011; (22) \$7,452,084; (23a) \$230,869; (23b) \$0; (24) \$1,638,019; (25) \$203,612.	
18	Fringe benefits are included.	
<b>MCMASTER</b>		
All figures are as of 04/30/2008.		
Includes the Mills Memorial Library, H.G. Thode Library, and Innis Library.		

QUESTION NUMBER	FOOTNOTE
11	2005-06 report should have read 243 for McMaster University Libraries and 10 for Health Science Library for a total of 253.
12	2005-06 report should have read 27,998 for McMaster University Libraries and 1,020 for Health Science Library for a total of 29,018.
13	2005-06 report should have read 1,130 for McMaster University Libraries and 1,070 for Health Science Library for a total of 2,200.
15-25	Expenditures as reported in Canadian dollars: (15a) \$967,882; (15b) \$6,113,701; (15c) \$652,415; (15d) \$213,632; (15) \$7,947,630; (16) \$72,803; (17a) \$2,483,637; (17b) \$4,598,074; (17c) \$512,199; (17) \$7,593,910; (19) \$1,611,413; (20) \$17,225,756; (21) \$757,709; (22) \$5,151,305; (23a) \$210,245; (23b) \$0; (24) \$674,527; (25) \$111,373.
17c, 26c	Includes casual, temporary, interns and co ops.
<b>MIAMI</b>	
	Includes the Richter Library (central library), Calder Memorial Library (medical library), Law Library, the Architecture, Business, Marine, and Music Libraries, and off site storage facility.
1	E book collections include: NetLibrary, Early English Books Online, Gale's 18th Century Collections Online, Women Writers Project, Wright American Fiction, Making of the Modern World, Making of Modern Law, Ebrary, Lion, Sabin, Evans, Shaw Shoemaker and Gale Virtual Library.
1-1bii	These figures were reported by the central library (Marine Library).
1a	Volumes held, May 31, 2006, reported in 2005-06 was 3,013,867; this number was adjusted to 3,166,675 to reflect the addition of e book collections totaling 152,808 e books acquired in 2007.
6-7, 10-13	Included in central library statistics (Marine Library).
8	Medical library computer files are included in (13).
13	All audiovisual materials (10 13) and computer files (8) for medical library are reported in (13).
17a	Excludes salaries of the University Librarian and directors of the law and medical libraries.
17c	Excludes wages for student assistants subsidized by the School of Business Administration.
28	Combined weekly public service hours for all libraries is 122.
31	Reference transactions for architecture library are unavailable. Transactions are based on enumerations in central, business, and music libraries, sampling in marine and law libraries, and a combination of sampling and enumeration in medical library.
<b>MICHIGAN</b>	
	Includes Bentley Historical Library, William L. Clements Library, Law Library, Kresge Business Administration Library, and the University Library.
	Excludes libraries at University of Michigan Dearborn and University of Michigan Flint.
4	This total includes 15,401 uncatalogued electronic serial items, which have not been de duplicated amongst themselves or against the remaining 56,387 catalogued titles. This latter number breaks down as 28,969 serials which are available electronically and 27,418, which are available in print only. Given the manner in which we record our data, we cannot give these as subcategories of purchased and not purchased, while still de duplicating on ISSN. The average percentage of catalogued titles without ISSNs, across the libraries for which we report the data, is roughly 35%.
8	This figure includes 1,000,000 files of titles digitized from our collections in the Michigan Digitization Project.
<b>MICHIGAN STATE</b>	
	Includes: Biomedical & Physical Sciences Library; Business Library; Engineering Library; Gull Lake Library; International Center Library; Mathematics Library; Planning & Design Library; Veterinary Medical Center Library.
4	The total de duplicated count for MSU (including Main, Government Documents, and Law) is 72,815 titles. This figure is derived from a de duplicated count provided by Serials Solutions (from 107,971 total serial holdings, print and electronic). Only titles that are unique to a single database can be assigned to paid or unpaid; titles which are not unique to a single database are reflected in the de duplicated total of 72,815, but are not included in the sub categories as it is not possible to assign these titles to paid or unpaid at this time. The de duplicated count of titles present in more than one database is therefore only reflected as part of the aggregate total of 72,815.
31a	Based, in part, on sampling.
<b>MINNESOTA</b>	
	Included: Health Sciences Libraries (Biomedical, Veterinary Medicine) and the Law Library.
	Excluded: branch campus libraries of Minnesota Duluth, U of Minnesota Crookston, U of Minnesota Morris.
1	Includes 143,000 e books.
1a	Volumes held June 30, 2006 revised to 6,744,987. Revised count of materials held in MLAC storage facility.

QUESTION NUMBER	FOOTNOTE
2	Count is monograph orders, not actual volumes purchased.
4	Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .
11	Breakdown by media not available. Total AV items = 863,995.
26	Count is actual FTE for filled positions. Vacant positions are not counted.
30a	Some counts submitted by some units are estimates.
41-42	Graduate student counts include all post baccalaureate students (graduate and professional).

## MISSOURI

Included: Health Sciences library, Vet Med library, Math library, Geology library, Engineering library, Journalism library, Newspaper library, Archives, and Library Depository.

Excluded: the Law Library.

We have had several meetings and problems in actually identifying the "real" number of serials. This is our best estimate/count at this time.

- 1a Volumes held June 30, 2006 revised to 3,397,175.
- 4 This data, 2006-07, based on an extensive hand count of all serials currently received, and by the categories requested by ARL, as performed by our Acquisitions Dept during the month of January 2008.
- 15b Of this \$6,302,220, \$2,230,000 is from the University-wide systems office for the four campus system. MU has over 50% of the students, but we use all of these journals.
- 17a Estimated Library Systems Office with a 2% increase over 2005-06 @66% of total: \$192,903.
- 17b Estimate Library Systems office at 2% over 2005-06 @50% = \$48,620.
- 19 Library Systems Office @50% for Online Cataloging system (III): \$408,703.
- 22 \$2,230,000 from 4 campus Library Systems Office, and \$2,908,338 from MU Libraries serials.
- 25 Informed that this large drop, vis-à-vis previous year is due to Elsevier ScienceDirect contract. In other words, some of this now covered under that contract and cannot be broken out.

## MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Includes all divisions and branches of the MIT Libraries.

As noted on (4), (21), and (22): 2005-06 counting methodology was used.

- 4 We have used the 2005-06 methodology for these calculations.
- 15c Electronic journal backfiles which we expense from serials funds.
- 15d Includes postage and service charges which we expense from serials funds.
- 18 Fringe benefits are included.
- 19 2005-06 corrected figure: \$2,399,107.
- 20 2005-06 corrected figure: \$22,123,477.
- 21-22 We have used 2005-06 methodology.
- 34-35 Substantial increase over 2005-06.
- 38 Methodology has changed since 2005-06, hence the marked reduction in this number.

## MONTREAL

Excluded: HEC Montréal; École Polytechnique de Montréal; Law Library; Health Library.

- 1,2 Springer e books: 2,466.
- 15-25 Expenditures as reported in Canadian dollars: (15a) \$2,372,723; (15b) \$9,341,100; (15c) \$135,055; (15d) \$78,313; (15) \$11,927,191; (16) \$151,618; (17a) \$7,387,905; (17b) \$10,406,563; (17c) \$170,811; (17) \$17,965,279; (19) \$1,834,463; (20) \$31,878,551; (21) \$157,748; (22) \$5,762,766; (23a) \$188,580; (23b) NA / UA; (24) \$627,527; (25) \$197,540.
- 24 Special project: migration to Sirsi's Unicorn.

## NATIONAL AGRICULTURAL LIBRARY

All figures are as of 09/30/2007.

- 1a Volumes held June 30, 2006 revised to 2,417,888.
- 1bii The figure reflects an active weeding program.

QUESTION NUMBER	FOOTNOTE
4, 4a, 4bi	Reflects title count.
8-13	Reflects corrected basis for the count.
15a	Accurately reflects increased purchase of monographs in 2006-07.
18	Fringe benefits are included.
28	Correction from public service hours reported in 2005-06.
<b>NATIONAL LIBRARY OF MEDICINE</b>	
	All figures are as of 09/30/2007.
1a	Volumes held June 30, 2006 revised to 2,532,058.
32	These are internal circulations only.
<b>NEBRASKA</b>	
15d	Neglected to include serial postage expense of \$76,766 in 2005-2006 figure. Postage for the time period of this survey totals \$64,565.
<b>NEW MEXICO</b>	
	Includes Centennial Science & Engineering Library, Fine Arts & Design Library, Parish Library, Zimmerman Library, Bunting Visual Arts Library, Tireman Education Library, Native American Studies Library.
	Excluded: Gallup Campus Branch Library, Los Alamos Campus Branch Library, Taos Campus Branch Library, Valencia Campus Branch Library.
<b>NEW YORK</b>	
	All figures are as of 08/31/2007.
1a	Volumes held June 30, 2006 revised to 4,881,106. The actual 2005 06 e books total is 432,000, but the reported number of 769,000 is overstated by 337,000. The actual number of e books in 2006 07 is 503,764.
1bi	Volumes added during 2006 07 decreased because 2005 06 figures were above average due to: #1 the processing of a large front log of materials in preparation for the systems migration and #2 the additional cataloging related to the RISM collection.
1bii	Part of regular ebb and flow of withdrawal of materials as items are sent to the offsite facility. The increase of withdrawals is not seen as out of the ordinary.
4	There was a net increase in the Division of Libraries' serials received due to the new counting method by title. Serials received for NYU overall decreased because of de-duping process across the Branch Libraries.
4a	The new counting methodology by serial titles instead of subscriptions increased the number of serials purchased. Purchased print titles decreased due to de-duping of print titles for which the Libraries had electronic access. The overall effect was a net increase of serials purchased for the Division of Libraries.
10	Cartographic materials were brought in with a newly acquired collection. Current cartographic materials remain small so any change in the total count will appear as a large percent change.
16	2006 07 figures are the normal contract binding expenses within a given year. 2005 06 numbers are understated because a portion of the expenses were pre paid in the previous year.
28	There is no actual decrease in total weekly public service hours reported. 2005 06 total hours were misreported as 379 instead of 119 because the summary sheet aggregated the hours from the different branch Libraries. Bobst has 119 weekly public service hours per week. Medical/Dental has 93 weekly public service hours per week. Law has 91 weekly public service hours per week.
36	There was a minor decrease of PhDs awarded in all programs.
<b>NEW YORK PUBLIC</b>	
1a	Volumes held June 30, 2006 revised to 8,828,221.
<b>NEW YORK STATE</b>	
	All figures are as of 03/31/2007.
<b>NORTH CAROLINA</b>	
	Included: Design, Natural Resources, Textiles, Veterinary Medical libraries, African American Cultural Center Reading Room, and College of Education Media Center.
1a	Volumes held June 30, 2006 revised to 6,028,059. Added 205,490 e books. Includes some e books purchased in 2006 07. Major e book collections now counted include: ebrary (31,497); ECCO (136,213); Netlibrary audio (1,511); Netlibrary (24,313); Rand (3,246); Springer (6,841); Documenting the American South (local digital publishing program, 1,373); plus additional smaller collections. Also: Law Library added 231 e books not previously counted; Health Sciences Library added 86 e books, plus 5,661 volumes to reflect more accurate counts obtained through new ILS.

QUESTION NUMBER	FOOTNOTE
1bi	Law Library added Making of Modern Law, containing 22,007 e books.
4	Journal titles de duped using ISSN as unique identifier. Titles without ISSNs were excluded entirely in order to eliminate items of a non serial nature. This has likely excluded some serial records lacking an ISSN, resulting in a possible undercount.
11	Significant increase in graphic items due to donation of major photographic collection (approx. 534,842 items) in 2006 07.
15d	Miscellaneous library material expenditures include payments for CRL memberships.
17a	Increase in professional salary expenditures due to more filled positions in 2006-07 and availability of funding for raises.
20	Includes \$4,102,193 in grants, trust, and other special funds (w/ out benefits); excludes \$304,109 in expenditures for Triangle Research Libraries Network from funds contributed by Duke, North Carolina State, and North Carolina Central universities.
23a	Most SOLINET charges delayed to 2007-08, thereby reducing expenditures in this category for 2006-07.
26	Includes 4.35 FTE professional staff on special grant funds; no FTE on special projects. Excludes 2.25 FTE paid from funds contributed by Duke, North Carolina State, and North Carolina Central universities for support of the Triangle Research Libraries Network.
28	Unique service hours for entire library system = 146. Branches are as follows: University Library (AAL = 144; Health Sciences Library = 109; Law Library = 109).
<b>NORTH CAROLINA STATE</b>	
	Includes the following libraries: Design, Natural Resources, Textiles, Veterinary Medical, African-American Cultural Center Reading Room, and College of Education Media Center.
2	Includes some monographic standing order items paid from serials funds.
15a	Some monographic titles are paid from serials funds included in (15b).
15d	Includes bibliographic utilities (\$177,975); Document delivery (\$164,843); and Memberships (\$229,729).
<b>NORTHWESTERN</b>	
	Includes the Science and Engineering Library, Math, and Geology Libraries and the Law, Heath Sciences and Schaffner Libraries on the Chicago campus.
1-3	Includes government documents.
6, 9, 11	Excludes Health Sciences Library.
<b>NOTRE DAME</b>	
	Includes Hesburgh (Main) Library, Kresge (Law) Library, and the University Archives.
2	The number of e-books included in the total is 2,585.
4	The method for counting serials has been changed from the prior year according to instructions provided by ARL. The libraries were already reporting a count that was de duplicated by format type, although not by branches. The change in instructions resulted in an increase in serials titles currently received primarily due to counting individual titles provided by aggregators.
9	This figure represents our entire holdings. It consists primarily of archival records and manuscripts, but it also includes substantial quantities of printed, microfilm, artifact, audio, visual, film, graphic, and digital materials as well. Our controls over our records are based primarily on the creator of the records and only secondarily on the types of materials (University Archives).
15a	Several large collections were purchased in 2006 07. The value of e books has not been separately determined.
15b	Expenditures for electronic materials of a recurring nature have been reclassified from other library materials expenditures to serials expenditures for 2006 07.
15c	Expenditures for electronic materials of a recurring nature have been reclassified to serials expenditures in 2006 07.
15d	Miscellaneous materials expenditures consist primarily of memberships for the purpose of obtaining / accessing publications and literature searching.
22	Reporting dual format materials as primary format electronic rather than print has resulted in an increase in expenditures for electronic materials. In prior years, the Libraries have reported dual format materials with a primary format of print.
26c	Includes students employed from other institutions in the summer.
<b>OHIO</b>	
	Includes: Athens (main), Chillicothe, Eastern, Lancaster, Southern, and Zanesville libraries, and the College of Osteopathic Medicine Learning Resource Center.
1	Of the 147,160 e-books added, 136,212 were part of Eighteenth Century Collections Online.
1a	Volumes held June 30, 2006 revised to 2,858,409.
1bii	Figure reflects withdrawal of bound periodical volumes now held in digital form.

QUESTION NUMBER	FOOTNOTE
4	About 26% of our U.S. Government Documents electronic serials and 22% of our other electronic serials are known to be ceased titles. About 91% of our U.S. Government Documents electronic serials and 16% of our other electronic serials lack ISSNs. About 21% of our print serials (excluding government documents) lack ISSNs.
4a	Increase due to more thorough counts of electronic serials using new instructions; for example, full text e serials found in aggregator databases were included in this survey, but not in the 2005 06 survey.
4b	Increase due to more thorough counting of electronic serials using new instructions.
4bi	78% are U.S. government documents.
4bii	34% are U.S. government documents.
8	Decrease due to weeding project.
15d	Technical services \$94,796; memberships \$24,112; IngentaConnect Intouch alerting service \$982; document delivery \$89.
19	Decrease reflects impact of university budget cut for 2006-07; \$100,000 in funding shifted from this category to salaries and wages to cover minimum wage increase for student workers; \$94,796 technical services costs (OCLC etc.) shifted from this category to library materials expenditures beginning with 2006-07; \$465,000 fund balance earmarked for equipment and furniture purchases carried forward to 2007-08.

#### OHIO STATE

Included: Architecture; Biological Sciences/Pharmacy; Business; Cartoon Research; Children's Hospital; Fine Arts; Food, Agricultural, and Environmental Sciences; Geology; Health Sciences; Journalism; Law; Music/Dance; Science and Engineering; Sullivant; Theatre Research Institute; University Archives; and Veterinary Medicine libraries.

Excluded: Agricultural Technical Institute; Ohio Agricultural Research and Development Center; Regional Campus Libraries at Lima, Mansfield, Marion, and Newark.

- 1a Volumes held June 30, 2006 revised to 6,208,901. Increased by 28,157 over prior year due to error in counting electronic books and the addition of records in 2006-07 for the English Poetry collection purchased in a prior year.
- 2 Includes 376 purchased e books: Oxford Reference:149; ACLS: 126; ABC CLIO: 32; individual purchases: 71.
- 12 Figure includes audio, film, and video collection from main library; they cannot be separated.
- 24 Major expenditure for new equipment to move into temporary facility during renovation of main library.

#### OKLAHOMA

- 1b Increased purchase of e book collections.
- 1bii Decrease due to a major weeding project in 2005-06.
- 4a-4bii Serials statistics are reported as de duped in the main publication for all libraries.
- 15b-15d Change in reporting methods and increased material budget.
- 23a Decrease due to change in memberships.
- 24 Increased the number of computer/servers.

#### OKLAHOMA STATE

Includes Oklahoma City, Okmulgee, Tulsa branch campus libraries.

- 18 Fringe benefits are included.

#### OREGON

Includes: Architecture and Allied Arts library, Portland Architecture library, Science library, Math library, Oregon Institute of Marine Biology, Law library.

- 1a Volumes held June 30, 2006 revised to 2,848,697. Corrected for e book count.
- 6 New count by Documents Department.
- 10 Revised sampling framework for count.
- 17a 13 non librarian positions considered faculty by the institution are now included here.
- 26a, 26b 13 faculty "officers of administration" now counted as professional staff.

#### PENNSYLVANIA

- 1a Volumes held June 30, 2006 revised to 5,903,383.

## PENNSYLVANIA STATE

Includes all University Park Libraries, as well as the Campus Libraries. Campus Library locations are as follows: Abington, Altoona, Behrend, Berks, Beaver, Capital, Delaware, DuBois, Fayette, Great Valley, Hazelton, Lehigh Valley, Mont Alton, McKeesport, New Kensington, Schuylkill, Shenango Valley, Wilkes Barre, Worthington Scranton, and York.

## PITTSBURGH

Includes the Barco Law Library, and branch campuses in Bradford, Greensburg, Johnstown, and Titusville. Health Science libraries include the Falk Library of the Health Sciences, the Western Psychiatric Institute and Clinic Library, the Libraries at UPMC Shadyside and the University of Pittsburgh Cancer Institute.

6 Counted incorrectly in previous year.

## PRINCETON

Includes the university's 15 libraries (one large main library and 14 specialized libraries).

15d Expenses for shipping and photo services now allocated to miscellaneous category from "other library materials."

25 Implementation of RAPID service resulted in reduction of costs for document delivery.

37 In previous years, the numbers reported were for departments; adjusted this year to reflect programs.

## PURDUE

Includes the library system on the West Lafayette campus, consisting of 11 subject libraries, an undergraduate library, and an archives and special collections unit.

1 Includes cataloged government documents. Includes e books from ASM Handbooks: 22; CogNet: 451; Credo reference: 200; EEBO: 125,000; ECCO: 150,000; ENGnetBASE: 750; Gale Virtual Reference Library: 90; History e book Project: 1,500; Knovel Online: 1,451; Lecture notes in computer science: 3,710; ASAE: 4; Safari Tech Books Online: 878; Stat! ref: 12; ASAE Textbooks: 5; World Bank e Library: 1,915; and others, totaling 286,013.

1b Decrease in net volumes added reflects increase in volumes withdrawn due to de selection projects and closure of 2 libraries.

1bii Increase in volumes withdrawn is due to de selection projects and closure of 2 libraries.

2 Represents number of titles rather than volumes. Excludes e books and materials purchased on sponsored research programs. Decrease from 2005-06 reflects internal change in reporting to accurately reflect number of monographs purchased rather than monographs added to the collection.

4 Excludes some numbered monograph series. Includes cataloged depository, exchange, and gift serials, and electronic journals purchased through statewide consortium.

4a Increase from 2005-06 reflects increased emphasis on purchasing e serials and packages. Titles were de-duped as indicated by instructions.

4b Includes cataloged depository, exchange, and gift serials and electronic journals purchased through statewide consortium. Decrease from 2005-06 reflects change in instructions regarding de-duping.

15 Decrease from 2005-06 reflects a significant purchase of digital backfiles during 2005-06 and advance payment of invoices for 2006-07 at the end of 2005-06.

15a Decrease in expenditures reflects change in reporting to more accurately reflect monograph expenditures.

15c Represents bibliographic and full text databases for which expenditures can be tracked separately. Expenditures for other databases, and for materials such as maps and audiovisuals, are included in those for monographs (15a) and serials (15b), and cannot be disaggregated.

18 Fringe benefits are included.

22 Includes expenditures for bibliographic and full text databases (15c), plus electronic journals.

25 Includes \$76,474 of expenditures recovered by fee based service.

26a Reflects addition of visiting faculty positions, including 4 diversity fellows.

29-30 Excludes use of online, interactive tutorial, "CORE."

31 Includes 2,375 reference transactions via digital reference service.

33 Decrease in total circulations reflects drop in renewals.

34 Decrease from 31,666 in 2005-06 reflects closure of fee based information services on 11/1/06.

## QUEENS

Includes Stauffer, Douglas, Jordan and Education libraries.

(36 37) and (39 42) as of November 2006. (38) as of October 2006. (4), (23) and (24) contain the data for the entire library system (all branch libraries included) as we cannot track this data separately.

QUESTION NUMBER	FOOTNOTE
15-25	Expenditures as reported in Canadian dollars: (15a) \$1,672,162; (15b) \$7,300,149; (15c) \$129,983; (15d) \$531,160; (15) \$9,633,454; (16) \$89,432; (17a) \$2,838,883; (17b) \$4,513,623; (17c) \$277,519; (17) \$7,630,025; (19) \$1,765,798; (20) \$19,118,709; (21) NA /UA; (22) \$42,624,257; (23a) \$141,857; (23b) \$355,196; (24) \$409,768; (25) \$34,107.
<b>RICE</b>	
1	Includes Fondren Library, Brown Fine Arts Library, and the Business Information Center.
1b	Includes 23,465 Texshare e books, 30,165 government document e books, and 770 Netlibrary e books.
4	Includes 3,731 government document e books and 21 non document e books.
9	Count of electronic journals completed well after end of fiscal year, due to implementation of electronic resources management module.
15d	Manuscripts and archives reported in cubic feet.
	Includes memberships (\$200,236.93), ILL (\$37,351.23), in house binding supplies (\$14,279.02), and bibliographic utilities (\$153,401.10).
<b>ROCHESTER</b>	
	Includes the Rush Rhees Library and the Sibley Music Library.
1a	Volumes held June 30, 2006 revised to 3,643,490. 36,180 e books added to count as follows: Ebrary: 33,558; CUHMM: 511; ACLS: 555; Books24x7: 1506; Wiley: 50.
1b	Fewer Swasey volumes added.
3	Basis of count for 2,851 was physical.
4	In order for the data tables to total correctly, the following sub-totals for Serials Currently Received for the Rush Rhees Library (main) were marked UA /NA. The values for these questions are listed here in order: (4a) 19,220; (4ai) 15,980; (4aii) 3,240; (4b) 3,760; (4bi) 3,125; (4bii) 635.
4ai	Unique titles from Serials Solutions. Does not include 10,214 IEEE explore records.
4bi	Includes Directory of open access journals.
7	A major collection review resulted in the weeding of 14,270 documents.
11	Two large slide collections added.
18	Fringe benefits are received, but are not included for \$694,441 salaries and wages from Sibley Library.
32-33	Now includes Swasey.
36-37,	Includes Sibley Music Library and Edward G. Miner Library.
39-42	
38	Includes non tenure track faculty. Includes Sibley Music Library and Edward G. Miner Library.
<b>RUTGERS</b>	
	Includes two Law Libraries, services to a non Rutgers medical school and campuses in Camden, Newark and New Brunswick.
1a	Volumes held June 30, 2006 revised to 4,373,822. Includes 170,485 e books not previously reported.
1bi	Includes 10,338 e books.
10-13	Audiovisual Materials figures cannot be disaggregated. Total audiovisual is 149,828.
17, 26	Excludes staff hired for special projects and grants.
<b>SASKATCHEWAN</b>	
	All figures are as of 04/30/2007.
	Included: Main, Health Sciences, Natural Sciences, Law, Engineering, Education and Vet Med libraries.
1a	Volumes held June 30, 2006 revised to 2,347,233.
15-25	Expenditures as reported in Canadian dollars: (15a) \$3,119,256; (15b) \$12,041,178; (15c) NA /UA; (15d) \$205,453; (15) \$15,365,888; (16) \$76,744; (17a) \$4,241,098; (17b) \$4,047,369; (17c) \$431,517; (17) \$8,719,984; (19) \$892,817; (20) \$25,055,433; (21) \$4,923; (22) \$7,207,431; (23a) \$80,756; (23b) NA /UA; (24) \$489,656; (25) \$102,538.
<b>SMITHSONIAN</b>	
	All figures are as of 09/30/2007.

Included are a total of 20 libraries located throughout the museums and research institutes of the Smithsonian Institution: National Air and Space Museum Library, Washington, DC; National Museum of American History, Washington, DC; National Museum of Natural History Library, Washington, DC; National Postal Museum Library, Washington, DC; National Zoological Park Library, Washington, DC; Smithsonian American Art Museum, National Portrait Gallery Library, Washington, DC; Smithsonian Environmental Research Center Library, Edgewater, Maryland; Anacostia Museum and Center for African American History and Culture Library, Washington, DC; Botany and Horticulture Library, Washington, DC; Cooper Hewitt National Design Museum Library, New York, New York; Dibner Library of the History of Science and Technology, Washington, DC; Earl S. Tupper Library Smithsonian Tropical Research Institute, Republic of Panama; Freer Gallery of Art and Arthur M. Sackler Gallery Library, Washington, DC; John Wesley Powell Library of Anthropology, Washington, DC; Joseph F. Cullman, 3rd Library of Natural History, Washington, DC; Museum Studies and Reference Library, Washington, DC; Museum Support Center Library, Suitland, Maryland; Vine Deloria Jr. Library, National Museum of the American Indian, Suitland, Maryland; Warren M. Robbins Library, National Museum of African Art, Washington DC.

1a      Volumes held June 30, 2006 revised to 1,551,323.

1bi-1bii    15,385 volumes added is the net of all volumes added minus all volumes withdrawn. The report generated by the ILS does not display total "adds" and total withdrawals prior to calculating the net.

15a-15b    Smithsonian Institution Libraries serves as the purchasing agent for all monographs, serials and electronic resources for the Smithsonian Institution. Purchases processed for The Woodrow Wilson International Center for Scholars (which is not under SIL administration) are not added to the SIL collections and the expenditures for monographs and serials are not included in (15).

15c      For 2005-06, the number reported was for document delivery and interlibrary loan. That number is now reported in (25).

17      Actual "on board" costs. Does not include any "lapsed salaries" due to vacancies. Lapsed salaries were reprogrammed for expenditures in other areas.

19      Includes staff travel, training, cataloging, digitizing, collection care supplies and services, general, preservation and automation supplies, equipment purchases, memberships, equipment maintenance, and miscellaneous contracts. Does not include health and transit benefits, building maintenance, public programs, exhibitions and development expenditures.

23a     Includes OCLC and Innodata costs. Innodata was used primarily for cataloging Chinese, Japanese and Korean titles into the RLG Union Catalog prior to the OCLC/RLG merger. Also includes the costs of migrating records from RLG to OCLC.

#### **SOUTH CAROLINA**

Includes Thomas Cooper Library, South Caroliniana Library, Business Library, Math Library, Music Library, and the Film Library.

1a      Volumes held June 30, 2006 revised to 3,531,538.

#### **SOUTHERN CALIFORNIA**

Includes all USC branch Libraries as well as the Norris Medical Library, Wilson Dental Library, Call Law Library.

1a      Volumes held June 30, 2006 revised to 3,968,928.

4      Provided detailed information on method for counting serials. For more information see: <http://libraryassessment.info/?cat=28>.

#### **SOUTHERN ILLINOIS**

1      Includes 254,476 e books.

1a     Volumes held June 30, 2006 revised to 3,054,746. Number revised as per instructions, reflecting one time download of records for e book collection (Sabin).

1b     4 electronic books (Oxford Encyclopedias).

2      2005-06 high number included one time acquisition of Sabin e books.

4a     Change in classification of non subscribed titles from consortial journal packages, from "not purchased" to "purchased" explains (4a) and (4b).

11     Decrease reflects withdrawal of vertical file material.

31     Decrease due to construction project.

#### **SUNY-ALBANY**

1      Includes 6,313 e books.

16     Excludes theses and dissertations.

25     Includes bibliographic utility fees.

#### **SUNY-BUFFALO**

Includes Health Sciences & Law libraries.

1a     Volumes held June 30, 2006 revised to 3,606,625. This number is 174,940 higher than reported in 2005-06 due to an adjustment to include e books acquired prior to 6/30/06.

QUESTION NUMBER	FOOTNOTE
4	The increased figures are mainly the result of an increase in electronic serials, and improved gathering methodology.
4ai, 4bi	This number includes all electronic serial counts. None have been reported on the separate HSL or Law reports.
4bii	Not able to de-dupe yet. Assume 10% duplication.
30	In addition to group presentations, 4,532 students completed the Library Skills Workbook.
32-33	Numbers reported are more accurate than in past years due to the implementation of a new online system.
<b>SUNY-STONY BROOK</b>	
	Includes the Astronomy Library, Math Library, Physics Library, Chemistry Library, Marine Sciences Information Center, Music Library, Science and Technology Library.
1a	Volumes held June 30, 2006 revised to 2,228,821.
15	Includes research and foundation funds and NYS Coordinated Collection Development Grant (\$91,402).
15d	Includes bibliographic utilities (\$326,030), ILL and document delivery (\$25,321), freight (\$41,205), and off site storage (\$46,906).
16	Includes funds from NYS Preservation Grant (\$8,909).
38	Figure includes Main Campus and Health Sciences Center faculty.
<b>SYRACRUSE</b>	
25	We are able to determine actual costs of document delivery separate from other interlibrary loan costs associated with bibliographic utility.
39-42	2005 06 figures revised to: (39) 16,044; (40) 2,690; (41) 3,916; (42) 1,913.
<b>TEMPLE</b>	
	Includes: (on main campus) Science, Engineering & Architecture Library (SEAL), Charles L. Blockson Afro American Collection. On branch campuses: Ambler Library, Tyler School of Art Library, Harrisburg Library.
1a	Volumes held June 30, 2006 revised to 3,072,111. Number revised to include the following records added: another portion of our Arabic collection.
26b	Includes security guard for main library, funded by university budget.
26c	Decreased number due to closure of 5 departmental libraries, and reduction in number of student hours at several other service points.
27	Decrease was due to the closure of 5 departmental libraries.
<b>TENNESSEE</b>	
	Includes the Health Sciences libraries, which consists of the University of Tennessee Health Sciences Library, Memphis; the Preston Medical Library and the Knoxville part of College of Medicine in Memphis. Includes the Law library and the reporting for Main contains the University Libraries, Knoxville and UT Space Institute, Tullahoma.
1a	Volumes held June 30, 2006 revised to 3,183,181.
4	Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .
4a	Main Titles Purchased: Electronic 20,909 (of original 20,974) (4a.i), Print 3,977 (of original 4,114) (4a.ii), Total 24,886 (of original 25,088) (4a).
4b	Main Titles Not Purchased: Electronic 9393 (of 9558) (4b.i), Print 6974 (of 6975) (4b.ii), Total 16367 (of 16533) (4b).
15	In prior years, the expenditures for Miscellaneous (15d) were attributed to Serial expenditures (15b), thus inflating the total Serial expenditures. This year we were able to better define our Miscellaneous expenditures. Because of this, our serial expenditures have decreased somewhat from 2005–2006.
<b>TEXAS</b>	
	All figures are as of 08/31/2007.
	Includes the University of Texas at Austin Libraries, the Center for American History, the Tarlton Law Library, and the Humanities Research Center.
1a	Volumes held June 30, 2006 revised to 9,228,465. Adjusted by 206,102 volumes to include e book sets for ARTFL, CIAO, EBL, Ebrary, Gerritsen, Humanities E-books, LION, Making of America, Making of Modern Law, netLibrary, OECD, Oxford Reference Books Online, Sabin Americana, and World Bank eLibrary.
4	Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .
15	Includes total expenditures for library materials of \$13,396,520 by the University Libraries, \$1,505,540 by the Tarlton Law Library, \$2,885,675 by the Humanities Research Center, and \$59,289 by the Center for American History.
17c	Includes federal work study funds.

QUESTION NUMBER	FOOTNOTE
30	Includes users of online tutorials.
32	HRC does not renew its manuscripts and materials; their use is confined to a reading room.
36	Does not include EdD degrees.
<b>TEXAS A&amp;M</b>	
	All figures are as of 08/31/2007.
	Includes the Sterling C. Evans Library, Annex Library, Medical Sciences Library, Jack Williams Library (Galveston), Architecture Library, Cushing Memorial Library, West Campus Library, Policy Sciences and Economics Library, TAMU Qatar Library.
1bii-2	New way of counting e books that relies upon mining the database using a computer algorithm rather than relying upon manual methods of counting.
12	Reflects purchases for pilot iPod program, Smithsonian collection, increased faculty requests, world music recordings, increased number of audio bestsellers and beginning of WCL Business Audio Books collection.
15a	Increase result of additional funding from the Health Sciences Center as well as special one time funds that were allocated for 2006-07.
15c	Increase due to availability of one time funds for this fiscal year.
19	Figure reported in 2005-06 does not reflect expenses incurred by the Medical Sciences Library as well as an annual payment for the Joint Storage Facility.
21	Increase due to one time purchase of Undergraduate e books.
23b	Negotiation of fixed priced contracts resulted in decreased expenses.
25	Decrease result of an error in 2005-06 reporting by the Business Office and a deposit account that was paid for in 2005-06 that was not repeated in 2006-07.
29-30	Increase reflects success of Libraries' outreach and instructional programs.
31	Implementation of a computer database to record reference transactions reflects a more accurate count.
32	Reflects better tracking of usage statistics.
40, 42	New flat rate tuition resulted in decrease of part time students.
<b>TEXAS TECH</b>	
	All figures are as of 08/31/2007.
	Includes: Harrington Library TTUHSC / Amarillo, Montes Gallo Library of the Health Sciences TTUHSC / El Paso, Library of the Health Sciences TTUHSC / Odessa, Preston Smith HSC Library, Architecture Library, Museum Library, Geosciences Library, Vietnam Archives Library, Southwest Collections / Special Collections Library.
<b>TORONTO</b>	
	All figures are as of 04/30/2007.
	Includes the Main Libraries; Campus and Federated & Affiliated Libraries: Architecture, Astronomy, Business, Chemistry, Criminology, Dentistry, Earth Sciences, Engineering & Computer Sciences, Fine Art, Industrial Relations, Information Studies Forum, Innis College, Knox College, Law, Massey, Music, New College, Physics, Inst. of Policy Analysis, Regis College, Royal Ontario Museum, St. Augustine Seminary, St. Michael's College, Trinity College, University College, U of T Schools, Victoria College. Branch Campuses libraries include the U of T Mississauga, and U of T Scarborough. Hospital Libraries: Baycrest, Bloorview Kids Rehab, Mt. Sinai Hospital, St. Michael's Hospital, Toronto Rehab.
15-25	Expenditures as reported in Canadian dollars: (15a) \$8,769,966; (15b) \$12,107,732; (15c) \$4,548,782; (15d) NA /UA; (15) \$25,426,480; (16) \$381,611; (17a) \$16,370,271; (17b) \$15,850,587; (17c) \$3,878,352; (17) \$36,099,210; (19) \$6,420,671; (20) \$68,327,972; (21) \$334,484; (22) \$3,584,199; (23a) \$1,921,449; (23b) NA /UA; (24) \$3,249,535; (25) \$51,098.
1a	Volumes held June 30, 2006 revised to 10,519,313. Adjusted from 2005 06 ending total due to a recount from Zoology Library.
1bi-1bii	The increases in these two answers are the results from the closing of the Zoology Library. Its materials were transferred to the Gerstein Science Information Centre and Earth Sciences Library.
16	Binding budget was frozen since November 2006.
<b>TULANE</b>	
	Included: Turchin Business Library and the Nadine Vorhoff Library for the Newcomb Center for Research on Women.
1a	Volumes held June 30, 2006 revised to 3,065,225.

## UTAH

4 In order for the data tables to total correctly, the following sub-totals for Serials Currently Received for the Marriott Library (main) were marked UA/NA. The values for these questions are listed here in order: (4a) 22,298; (4ai) 14,047; (4aii) 8,251; (4b) 15,126; (4bi) 15,126; (4bii) 0.

## VANDERBILT

8 Computer files for the main library, health sciences library, and law library were reported as 10,718 for 2005-2006. That number was incorrect. The correct figure was 9,224.

13 This number includes 7,500 film reels in Special Collections which were not previously counted.

17c Federal funds for the work study students have been added to this total for the first time.

38 The university was unable to provide us with this information for 2005-06, so we reported the 2006-07 number. Therefore, we are reporting that same number again this year.

39 We reported Fall 2006 in 2005-06 instead of Fall 2005. The correct figure for 2005-06 was 10,895.

40 We reported Fall 2006 in 2005-06 instead of Fall 2005. The correct figure for 2005-06 was 586.

41 We reported Fall 2006 in 2005-06 instead of Fall 2005. The correct figure for 2005-06 was 4,600.

42 We reported Fall 2006 in 2005-06 instead of Fall 2005. The correct figure for 2005-06 was 479.

## VIRGINIA

Includes: Alderman (Main), Astronomy, Biology / Psychology, Brown Science & Engineering, Chemistry, Clemons Undergraduate, Education, Fiske Kimball Fine Arts, Math, Music, Physics, Small Special Collections libraries.

(4) and (36 42) are reported for the University Library only but apply to all of the UVa libraries.

1 Darden Library holds no e-books.

1a Volumes held June 30, 2006 revised to 5,466,161. Includes 340,535 e-books not included in previous surveys. This the number of e-books held as of 6/30/07. We could not determine how many we held as of 6/30/06.

1bi This number represents print volumes only.

1bii Clemons Undergraduate Library withdrew nearly 16,000 items in 2006-07.

4 Numbers reported are for University Library, Darden Graduate Business, Law, and Health Sciences, as all libraries have access to all electronic resources.  
Serials for all libraries are reported on the University Library (main) survey only (Darden Library).

15a Print monograph expenditures only.

17c Student figures include part time wage and temp workers who are not students.

18 Fringe benefits are included.

36 Degree and faculty figures reported are for the entire University.

39 Enrollment figures are for the entire University.

## VIRGINIA TECH

Includes 2 branch libraries: Art/Architecture and Vet/Med Libraries.

## WASHINGTON

Includes the Main, Health Sciences, Law, Bothell, Tacoma libraries.

Law did not report statistics for (2), (21), (31) and (32).

1 Includes a total of 380,623 e books.

1bi Includes 100,758 e books added this year.

15 Substantial increase in monograph and serial expenditures due in part to typical spending increase in second year of biennium.

38 Institution changed method of counting faculty to conform to national definitions.

## WASHINGTON STATE

Includes WSU Vancouver, WSU Tri Cities, WSU Energy Library, WSU Spokane, and WSU Intercollegiate College of Nursing.

1a Volumes held June 30, 2006 revised to 2,277,785.

4 Increase from previous year is due to a change in the method of collecting the statistic, not to an actual increase in serial holdings. 22,197 title had identifiable ISSNs.

10 Figure for 2005 06 included 5,000 items not reported in 2004 05 or 2006 07.

QUESTION NUMBER	FOOTNOTE
25	Figure for 2005/06 was incomplete.
27	Figure for 2005/06 was misreported.
<b>WASHINGTON U.-ST. LOUIS</b>	
	Includes the Law, Medicine, Social Work libraries and the libraries under Central Administration (Art, Biology, Business, Chemistry, Earth Sciences, East Asian, Math, Music).
1a	Volumes held June 30, 2006 revised to 4,116,242. Includes 334,206 electronic books.
2	Includes 1,762 electronic books from Safari.
19	Includes \$1,924,942 in fringe benefits that are included in the library budget.
31	Figures unavailable for law Library.
32	Figures unavailable for Medical Library.
<b>WATERLOO</b>	
	All figures are as of 04/30/2007.
1	Includes 2,017,312 print volumes and 206,970 e books.
1a	Volumes held June 30, 2006 revised to 2,055,131. Previously reported 2005/06 total excluded e books; number adjusted to include 2,008,232 print volumes and 46,899 e books.
1bi	Includes 28,893 print volumes and 160,071 e books.
2	Includes 159,283 e books.
4	Serial counts are subscriptions; title counts not available; de duped counts not available.
4bii	Included in 4.a.ii
12	Audio collection weeded in 2006-07.
15-25	Expenditures as reported in Canadian dollars: (15a) \$1,142,933; (15b) \$4,492,895; (15c) \$652,062; (15d) \$423,911; (15) \$6,711,801; (16) \$59,700; (17a) \$2,645,566; (17b) \$3,693,392; (17c) \$785,991; (17) \$7,124,949; (19) \$1,672,863; (20) \$15,569,313; (21) \$652,062; (22) \$3,289,834; (23a) \$21,906; (23b) \$0; (24) \$778,795; (25) \$38,698.
15a	Some e books expenditures included in other lines.
15b	The significant decrease over 2005-06 relates to a ledger adjustment carried forward from 2005-06.
15c	Increase over previous year relates to one time funding for backfile purchases.
15d	Includes bibliographic utilities, taxes, ILL/DD, shipping, evaluations, e reserves.
17	Salary and personnel figures are current to April 30, 2007.
19	Decrease from previous year relates to extraordinary one time project funding in 2005-06.
27	Davis Attendant Desk closed in 2006-07.
<b>WAYNE STATE</b>	
	All figures are as of 09/30/2007.
	Includes the Reuther Archives of Labor and Urban affairs, the Shiffman Medical library, and the Neef Law Library.
	The Medical and Law library statistics cannot be disaggregated from the main statistics because the Medical and Law collections are an integral part of the main library.
4	Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .
9	Estimated.
19	The decrease from 2005-06 is comprised of two major components. First, an error was discovered in the accumulation of Other Operating Expenditures for 2005-06. The corrected total for 2005-06 is \$2,405,755. Secondly, the university, in response to unanticipated cuts in state funding implemented a budget reduction and cost containment program that froze spending for all but critical needs for the last quarter of 2006-07. Over \$500,000 of routine library expenditures were deferred as a result.
20	The corrected total for 2005-06 Total Library Expenditures is \$19,099,776.
30	The reported number of participants in 2005/06 should have been 12,908.
36	Includes Ed.D. degrees.
<b>WESTERN ONTARIO</b>	
	All figures are as of 04/30/2007.

	Includes the ARCC, Business, Education, Law, Music, The D.B. Weldon (Arts & Humanities, Social Science, Information and Media Studies), and Allyn & Betty Taylor (Engineering, Health Sciences, Medicine & Dentistry, and Science) libraries.
1	Includes 345,374 e books.
1a	Volumes held June 30, 2006 revised to 3,310,325. The last of the Western Libraries has moved from a manual count to a fully automated count. The 2005-06 count was adjusted to accommodate a large discrepancy between the manual and automated counts for that library.
2	Includes 64,503 e books purchased.
11	London Free Press Negative Collection.
12-13	Count includes Music Library only.
15-25	Expenditures as reported in Canadian dollars: (15a) \$2,260,546; (15b) \$9,381,613; (15c) NA / UA; (15d) \$0; (15) \$11,642,159; (16) \$117,695; (17a) \$4,261,931; (17b) \$3,895,483; (17c) \$326,241; (17) \$8,483,655; (19) \$1,013,672; (20) \$21,257,181; (21) \$67,216; (22) \$6,937,203; (23a) \$150,000; (23b) \$0; (24) \$280,348; (25) \$0.

#### WISCONSIN

Includes the following libraries: Memorial, Archives, Special Collections, Kohler Art, Biology, Business, Chemistry, College, Geography, Geology and Geophysics, Keene Math, Mills Music, Physics, Social Science, Social Work, Steenbock Agriculture and Life Sciences, Wendt Engineering, Wisconsin Historical Society, Robinson Map, Center for Instructional Media, Primate, School of Library and Information Science, Law, and Ebling Health Science.

1a	Volumes held June 30, 2006 revised to 7,828,636. Adjusted entry from previous year subtracted 186,455 e-books previously recorded.
4	Does not include an additional 7,133 titles which may or may not be unique.
4ai-4aii	Includes serials purchased and received but not purchased unable to separate the counts.
4bi-4bii	Numbers reflect Historical Society collection only.

#### YALE

Includes the following libraries: Art & Architecture Library, Beinecke Rare Book and Manuscript Library, Chemistry Library, Classics Library, Cross Campus Library, Divinity School Library, Drama Library, Engineering & Applied Science Library, Epidemiology & Public Health Library, Forestry & Environmental Studies Library, Geology Library, Kline Science Library, Lewis Walpole Library, Library Shelving Facility, Mathematics Library, Medical Library [Harvey Cushing/John Hay Whitney Medical Library], Mudd Library [Seeley G. Mudd Library], Music Library [Irving S. Gilmore Music Library], Nursing Library & Information Resources, Social Sciences Libraries & Information Services, Sterling Memorial Library, Statistics Library.

For details describing libraries at Yale see: <http://www.library.yale.edu/assessment/stats/officialYULcount.doc>. The Law Library is included except as noted.

1a	Volumes held June 30, 2006 revised to 12,032,523. Added 6,828 volumes to figure reported in 2005-06 as number of aggregated e book purchases.
8	Note: Since 2002-03 we note the number added only in the notes field. Count of computer files added in 2006-07 is ( 207); we are not reporting cumulative figures
27	Note: two libraries were closed for academic year due to renovation.
32-33	Does not include Law Library activities. Yale University Library figures include reserve circulations since we are unable to exclude these.
34-35	These include Law Library activity.
36	This is the doctoral degrees taken from the IPEDS Survey of Degrees granted. First professional degrees are not included.
37	First Professional fields not included.
38	Number is full time ladder faculty at the University.

#### YORK

All figures are as of 04/30/2007.

Includes the Scott Library, Bronfman Business Library, Steacie Science and Engineering Library, Frost Library (Glendon college), Osgoode Law School Library.

1a	Volumes held June 30, 2006 revised to 2,697,480. 2005-06 figures did not include e books: 171,156. These were not necessarily all added this year but need to be included in the overall figure.
15-25	Expenditures as reported in Canadian dollars: (15a) \$2,131,807; (15b) \$7,535,079; (15c) \$179,067; (15d) \$93,855; (15) \$9,939,808; (16) \$156,918; (17a) \$5,211,828; (17b) \$4,869,674; (17c) \$1,199,787; (17) \$11,281,289; (19) \$1,900,967; (20) \$23,278,982; (21) \$950,378; (22) \$3,738,606; (23a) \$248,168; (23b) NA / UA; (24) \$314,009; (25) \$23,467.

## APPENDIX A: ARL MEMBER LIBRARIES AS OF JANUARY 1, 2008

The Association of Research Libraries (ARL) represents the interests of 123 libraries that serve major North American research institutions. The ARL Statistics and Measurement program is organized around identifying, collecting, analyzing, and distributing quantifiable information describing the characteristics of research libraries.

Institution	Category	Full Name of Institution	Location
Alabama	S	University of Alabama	Tuscaloosa, Alabama
Alberta	C	University of Alberta	Edmonton, Alberta
Arizona	S	University of Arizona	Tucson, Arizona
Arizona State	S	Arizona State University	Tempe, Arizona
Auburn	S	Auburn University	Auburn, Alabama
Boston	P	Boston University	Boston, Massachusetts
Boston College	P	Boston College	Boston, Massachusetts
Brigham Young	P	Brigham Young University	Provo, Utah
British Columbia	C	University of British Columbia	Vancouver, British Columbia
Brown	P	Brown University	Providence, Rhode Island
Berkeley, California	S	University of California, Berkeley	California, Berkeley
California, Davis	S	University of California, Davis	Davis, California
California, Irvine	S	University of California, Irvine	Irvine, California
California, Los Angeles	S	University of California, Los Angeles	Los Angeles, California
California, Riverside	S	University of California, Riverside	Riverside, California
California, San Diego	S	University of California, San Diego	La Jolla, California
California, Santa Barbara	S	University of California, Santa Barbara	Santa Barbara, California
Case Western Reserve	P	Case Western Reserve University	Cleveland, Ohio
Chicago	P	University of Chicago	Chicago, Illinois
Cincinnati	S	University of Cincinnati	Cincinnati, Ohio
Colorado	S	University of Colorado	Boulder, Colorado
Colorado State	S	Colorado State University	Fort Collins, Colorado
Columbia	P	Columbia University	New York, New York
Connecticut	S	University of Connecticut	Storrs, Connecticut
Cornell	P	Cornell University	Ithaca, New York
Dartmouth	P	Dartmouth College	Hanover, New Hampshire
Delaware	S	University of Delaware	Newark, Delaware
Duke	P	Duke University	Durham, North Carolina
Emory	P	Emory University	Atlanta, Georgia
Florida	S	University of Florida	Gainesville, Florida
Florida State	S	Florida State University	Tallahassee, Florida
George Washington	P	George Washington University	Washington, DC
Georgetown	P	Georgetown University	Washington, DC
Georgia	S	University of Georgia	Athens, Georgia
Georgia Tech	S	Georgia Institute of Technology	Atlanta, Georgia
Guelph	C	University of Guelph	Guelph, Ontario
Harvard	P	Harvard University	Cambridge, Massachusetts
Hawaii	S	University of Hawaii	Honolulu, Hawaii
Houston	S	University of Houston	Houston, Texas

Institution	Category	Full Name of Institution	Location
Howard	P	Howard University	Washington, DC
Illinois, Chicago	S	University of Illinois at Chicago	Chicago, Illinois
Illinois, Urbana	S	University of Illinois at Urbana	Urbana, Illinois
Indiana	S	Indiana University	Bloomington, Indiana
Iowa	S	University of Iowa	Iowa City, Iowa
Iowa State	S	Iowa State University	Ames, Iowa
Johns Hopkins	P	Johns Hopkins University	Baltimore, Maryland
Kansas	S	University of Kansas	Lawrence, Kansas
Kent State	S	Kent State University	Kent, Ohio
Kentucky	S	University of Kentucky	Lexington, Kentucky
Laval	C	Laval University	Quebec, Quebec
Louisiana State	S	Louisiana State University	Baton Rouge, Louisiana
Louisville	S	University of Louisville	Louisville, Kentucky
McGill	C	McGill University	Montreal, Quebec
McMaster	C	McMaster University	Hamilton, Ontario
Manitoba	C	University of Manitoba	Winnipeg, Manitoba
Maryland	S	University of Maryland	College Park, Maryland
Massachusetts	S	University of Massachusetts	Amherst, Massachusetts
MIT	P	Massachusetts Institute of Technology	Cambridge, Massachusetts
Miami	P	University of Miami	Coral Gables, Florida
Michigan	S	University of Michigan	Ann Arbor, Michigan
Michigan State	S	Michigan State University	East Lansing, Michigan
Minnesota	S	University of Minnesota	Minneapolis, Minnesota
Missouri	S	University of Missouri	Columbia, Missouri
Montreal	C	University of Montreal	Montreal, Quebec
Nebraska	S	University of Nebraska-Lincoln	Lincoln, Nebraska
New Mexico	S	University of New Mexico	Albuquerque, New Mexico
New York	P	New York University	New York, New York
North Carolina	S	University of North Carolina	Chapel Hill, North Carolina
North Carolina State	S	North Carolina State University	Raleigh, North Carolina
Northwestern	P	Northwestern University	Evanston, Illinois
Notre Dame	P	University of Notre Dame	Notre Dame, Indiana
Ohio	S	Ohio University	Athens, Ohio
Ohio State	S	Ohio State University	Columbus, Ohio
Oklahoma	S	University of Oklahoma	Norman, Oklahoma
Oklahoma State	S	Oklahoma State University	Stillwater, Oklahoma
Oregon	S	University of Oregon	Eugene, Oregon
Pennsylvania	P	University of Pennsylvania	Philadelphia, Pennsylvania
Pennsylvania State	S	Pennsylvania State University	University Park, Pennsylvania
Pittsburgh	S	University of Pittsburgh	Pittsburgh, Pennsylvania
Princeton	P	Princeton University	Princeton, New Jersey
Purdue	S	Purdue University	West Lafayette, Indiana
Queen's	C	Queen's University	Kingston, Ontario
Rice	P	Rice University	Houston, Texas

Institution	Category	Full Name of Institution	Location
Rochester	P	University of Rochester	Rochester, New York
Rutgers	S	Rutgers University	New Brunswick, New Jersey
Saskatchewan	C	University of Saskatchewan	Saskatoon, Saskatchewan
South Carolina	S	University of South Carolina	Columbia, South Carolina
Southern California	P	University of Southern California	Los Angeles, California
Southern Illinois	S	Southern Illinois University	Carbondale, Illinois
SUNY-Albany	S	University at Albany, State University of New York	Albany, New York
SUNY-Buffalo	S	University at Buffalo, State University of New York	Buffalo, New York
SUNY-Stony Brook	S	State University of New York at Stony Brook	Stony Brook, New York
Syracuse	P	Syracuse University	Syracuse, New York
Temple	S	Temple University	Philadelphia, Pennsylvania
Tennessee	S	University of Tennessee	Knoxville, Tennessee
Texas	S	University of Texas	Austin, Texas
Texas A&M	S	Texas A&M University	College Station, Texas
Texas Tech	S	Texas Tech University	Lubbock, Texas
Toronto	C	University of Toronto	Toronto, Ontario
Tulane	P	Tulane University	New Orleans, Louisiana
Utah	S	University of Utah	Salt Lake City, Utah
Vanderbilt	P	Vanderbilt University	Nashville, Tennessee
Virginia	S	University of Virginia	Charlottesville, Virginia
Virginia Tech	S	Virginia Polytechnic Institute & State University	Blacksburg, Virginia
Washington	S	University of Washington	Seattle, Washington
Washington State	S	Washington State University	Pullman, Washington
Washington U.-St. Louis	P	Washington University	St. Louis, Missouri
Waterloo	C	University of Waterloo	Waterloo, Ontario
Wayne State	S	Wayne State University	Detroit, Michigan
Western Ontario	C	University of Western Ontario	London, Ontario
Wisconsin	S	University of Wisconsin	Madison, Wisconsin
Yale	P	Yale University	New Haven, Connecticut
York	C	York University	North York, Ontario
Boston Public Library	N	Boston Public Library	Boston, Massachusetts
Canada Inst. SciTech Info.	X	Canada Inst. for Scientific & Technical Information	Ottawa, Ontario
Center for Research Libraries	N	Center for Research Libraries	Chicago, Illinois
Library of Congress	N	Library of Congress	Washington, DC
National Agricultural Library	N	National Agricultural Library	Beltsville, Maryland
Library and Archives Canada	X	Library and Archives Canada	Ottawa, Ontario
Naionat. Library of Medicine	N	National Library of Medicine	Bethesda, Maryland
New York Public Library	N	New York Public Library	New York, New York
New York State Library	N	New York State Library	Albany, New York
Smithsonian Institution	N	Smithsonian Institution	Washington, DC

S: US public university

P: US private university

C: Canadian university

N: US nonuniversity

X: Canadian nonuniversity



## APPENDIX B: BIBLIOGRAPHY

### PART A: Selected Articles from the ARL Newsletter

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